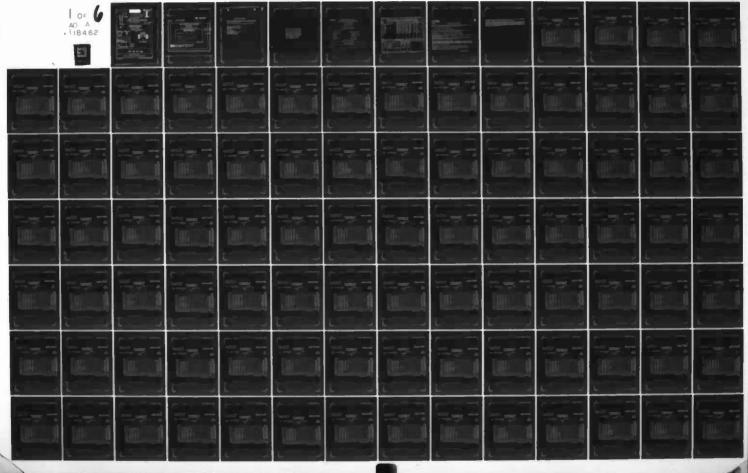
AD-A118 462 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 FORT KHOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U) JUL 82

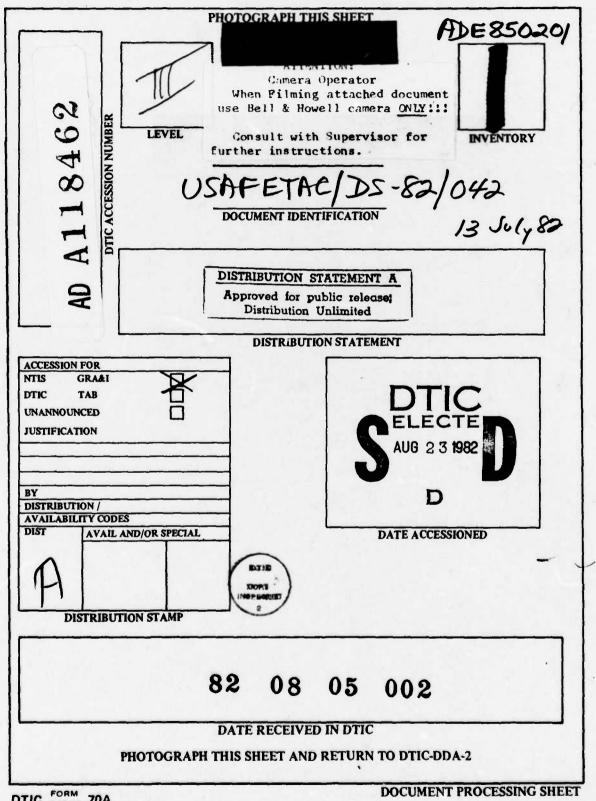
UNCLASSIFIED USAFETAC/DS-82/042

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ADF 850 201

A118 462

USAFETAC DS-82/042

DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

FT KNOX/GODMAN AAF KY MSC #724240 N 37 54 W 085 58 FLD ELEV 753 FT FTK

PARTS A-F
POR FROM HOURLY OBS: JAN 65 - DEC 70, FEB 75 - JAN 79
POR FROM DAILY OBS: MAY 46 - MAY 52, NOV 52 - DEC 81
TIME CONVERSION GMT TO LST: -5

UUL 13 1982

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1 5 JUL 1982

REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

WAYNE E MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN

AWS Scientific and Technical Information Officer (STINFO) The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Mounty observations are defined as those record or record-special observations recorded at acheduled hourly intervals.

DAILY OBSERVATIONS

laily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Fevised Uniform Summary of Surface Weather Observationa and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stationa operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA 1EVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the svalisble period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

ARTIL JULY OCTOBER

FEBRUARY MAY AUGUST NOVEMBER

WARCH JUNE SEPTEMBER DECEMBER

1

72424	O ON SUMMARY	STATION NAME FORT KNOX KENTUCKY/GO	DMAN AAF	N 3	7 54	W 085 58	753		FTK	WHO NUMP'R
UNBER		STATION LOCA	ATION A			MENT	ATION			085
OF OCATION		GEOGRAPHICAL LOCATION & NAME	OF STATION	AT THIS L	TO	LATITUDE	LONGITUDE	FIELO (FT)	HT. BARO.	PER
1 2 3 4 5 6 7 8 9 10 11 12 13	Godman Fld, Ft Knox Ky Same Same Same Godman AFB, Ft Knox KY Same Godman AAF, Ft Knox KY Same Same Same Same Same Same Same		Same Same Same Same AFB Same AAF Same Same Same Same	Apr 38 Jun 40 Aug 40 Jan 42 Jun 48 Mar 54 Apr 55 Mar 59 Mar 64 17 Jun71 Jan 75 Feb 79 Jan 81	Mar 40 Jun 40 Dec 41 May 48 Feb 54 Mar 55 Feb 59 Feb 64 16 Jun71 Dec 74 Jan 79 Dec 80 Apr 82	N 37 54 Same Same Same Same Same Same Same Same	W 085 58 Same Same Same Same Same Same Same Same	732 Same Same Same Same 753 764 Same 753 Same Same Same	735 Same Fame Same Same 764 735 753 785 Same Same Same	9 9 9 24 24 24 24 24 18 24 17 18
NUMBER	DATE	SUBFI	CE WIND EQUIPMENT	MEGRMATION					<u></u>	<u> </u>
OF LOGATION	OF CHANGE	LOCATION	oc wind carried	TYPE OF TRANSMITTI	TYPE OF RECORDER	NT ABOVE CROUND	REMARKS. AC	DITIONAL EQUIP	MENT, OR RE	ASON FOR CHANGE
1 2 3 4 5 6	Apr 38 Oct 41 Jun 48 Mar 53 Mar 54 Mar 64	Located on NW side of Same Not Available. Located on S corner of Hanagar #1. Same Located 500 ft W of of 17/35, 1500 ft SSE of	on top of	Selsyn Same Same Same AN/GMQ	ML-144 Same Same Same	62 ft Same 70 ft Same				

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less then .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MONTH
2100-2300
HOURS (L S Y.)

SPEED (KNTS) DIR.	1 - 3	4 . 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.6	1.6	.7	• 2								4.0	4.5
NNE	.7	1.2	.7	. 4								3.0	6.3
NE	1.1	1.4	1.0	. 4								4.0	5.8
ENE	.6	1.0	1.2	• 2								3.0	6.4
E	.7	2.2	1.7	• 1								4.7	5.7
ESE	1.3	1.1	. 4	• 1								3.0	4.4
SE	.1	. 9	. 4									1.4	6.2
SSE	•2	• 3	.6	• 2								1.3	7.3
5	1.3	1.9	2.6	2.4	• 3	• 1						8.7	8.6
ssw	1.0	2.4	2.7	1.8	• 2	• 2						8.3	8.2
sw	.9	2.2	2.4	.6								6.1	6.5
wsw	.9	1.9	1.8	• 3	. 3							5.2	7.1
w	2.4	4.8	3.1	.8	• 2							11.3	6.3
WNW	1.8	1.9	2.6	1.1								7.3	6.7
NW	2.0	1.1	2.0	.7								5.8	6,2
NNW	1.3	2.0	• 3									3.7	4.2
VARSL												1	
CALM	><	\times	\times	><	\times	> <	>	\times	\times		><	19.1	
	17.9	28.0	24.1	9.4	1.1	. 3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

7238

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODHAN AAF KY	65-70,76-79	JAN
MOITATE	STATION NAME	TEARS	WONTH
		ALL WEATHER	ALL
		CLASS	HOUSE (L.S.T.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.6	1.1	• 2	• 0	1						4.0	5.5
NNE	.7	1 • 4	1.2	• 5	• 0	.0						3.8	6.8
NE	. 8	1 . 4	1.1	• 1								3.4	5.6
ENE	• 6	1.6	1.1	• 2	1							3.5	6.1
E	1.0	2.1	1.1	• 2								4.4	5.4
ESE	1.1	1.2	. 4	•1								2.3	4.5
SE	• 5	. 9	• 2	• 1								1.6	4 . 7
SSE	. 8	. 9	.7	• 5	. 1	• 0						2.9	6.6
5	1.3	2.4	2.7	2.1	. 2	• 1						8.9	8.2
ssw	1.0	2.5	3.3	2.2	. 3	.1	.0					9.4	8.5
sw	1.1	2.1	2.1	1.1	. 1	.0						6.5	7.2
wsw	- 6	1.6	1.8	1.2	. 4	.1		.0				5.7	8.9
w	1.9	4.3	5.4	3.4	.5	.1	• 0					15.6	8.4
WNW	1.5	2.1	2.9	1.4	.0	.0						8.0	7.2
NW	1.0	1.6	1.1	• 3		17						4.0	5.9
NNW	• 7	1.5	.8	.1								3.1	5,3
VARBL													
CALM	><	\times	><	><	><	><	><	><	\times	\searrow	> <	12.3	
	15.8	29.1	27.1	13.6	1.7	. 4	•0	.0				100.0	6.3

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB
STATION	STATION Name	TEASS	MOSTN
		ALL WEATHER	0000-0200
		CLASS	BOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 5\$	≥ 56	•	MEAN WIND SPEED
И	1.3	1.7	1.6	• 1								4.7	5.4
NNE	• 7	2.5	. 9									4.2	5.2
NE	- 8	2.9	1.3	• 3								5.2	5.8
ENE	• 5	1.6	2.0	.5	• 1							4.7	7.5
E	1.4	2.4	2.4	. 4								6.6	6.1
ESE	.7	• 1										. 8	2.2
SE	.1		. 3									.4	6.7
SSE	.1	. 4	. 3	• 5								1.3	9.0
5	. 7	2.2	1.6	. 9	. 5							5.9	8.2
ssw	1.4	3.1	3.8	1.8								10.2	7.5
sw	1.6	1.8	1.8	1.3	.1							6.7	7.4
wsw	1.2	1.7	2.1	. 8								5.8	6.8
w	1.3	3.8	2.5	. 4	. 4							8.4	6.8
WNW	2.0	1.8	2.4	1.0								7.2	6.5
NW	1.3	2.0	1.2	. 1								5.1	4.9
NNW	2.4	. 9	1.2		.1							4.6	4.6
VARBL													
CALM		\times	><	><	><	> <	\times	\times	><		> <	18.2	
	18.0	29.1	25.2	8.3	1.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7.63

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70.75-77	FEB
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOUSE (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.4	1.0	. 3						1		4.3	5.0
NNE	. 8	2.2	.5	. 3								3.8	5.5
NE	. 8	1.8	2.0									4.6	6.0
ENE	.5	1.6	3.4	. 7	.1							6.3	7.7
Ε	1.6	2.6	1.4	.3								5.9	5.4
ESE	. 4		• 1									• 5	3.5
SE	. 3	. 4	• 7									1.3	5.8
SSE	. 4	• 3	.5	. 1								1.3	6.2
S	.9	1.8	1.7	.5	.1							5.1	6.9
ssw	-8	3.5	4.5	1.7	• 1							10.6	7.8
sw	2.2	3.3	1.7	1.0								8.3	6.0
wsw	.5	2.0	2.4	. 9	.1							5.9	7.9
w	3.9	1.7	2.0	1.0	. 4							9.1	6.0
WNW	1.6	2.2	2.5	1.0								7.3	6.9
NW	.8	1.3	1.8	.7								4.6	7.0
NNW	. 5	1.6	. 8	. 3								3.1	5.5
VARBL													
CALM	><		>	><	\times	><		><			> <	17.8	
	17.6	27.8	27.0	8.8	. 9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

762

2

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 FEB

STATION STATION ALL WEATHER D600-0800

CLASS HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.9	1.9	. 8	.2	•1							5.0	5.1
NNE	• 6	2.3	1.2	• 1								4.1	5 . 9
NE	• 7	2 • 1	2.4									5.2	6.3
ENE	.6	2.4	2.1	.7	• 1							5.9	7.3
Ę	1.9	3.1	2.0	.8								7.8	5.5
ESE	•5	. 9		• 1								1.5	4.4
SE	.4	. 4	•5									1.2	5.3
5SE	.2	• 8	.6	.5								2.1	7.6
\$.9	1.5	1.7	1.2								5.3	7.4
SSW	.7	1.9	2.8	3.3	• 1							8.9	9.1
sw	1.7	3.0	3.2	. 6	.2							8.6	6.7
wsw	.5	. 9	1.4	.6	• 1							3.6	8 . 1
w	3.7	2.6	2.1	. 9	. 4							9.7	6.0
WNW	2.0	1.9	1.9	.6								6.4	5,9
NW	1.2	1.2	1.3	. 9								4.6	6.6
NNW	1.1	1.7	1.2	.2								4.1	5.3
VARBL													
CALM	><	><	><	><	><	\times	><	\times	><	><	> <	15.8	
	18.5	28.6	25.2	10.9	1.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 ALL WEATHER

CONDITION

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	×	MEAN WIND SPEED
N	. 5	1.5	1.9	• 5								4.4	6.7
NNE	. 8	2.0	2.2	. 5								5.6	6.
NE	• 2	1.7	1.2	.2								3.3	6.7
ENE	. 8	1.8	2.5	.8	.1							6.0	7.5
E	1.4	2.8	4.0	1.1								9.3	7.0
ESE	1.4	. 8	. 7									3.0	4 . 4
SE	.6	. 7	.1		.1							1.5	5.0
SSE	. 4	. 5	.9	.1	.2							2.1	8.0
S	1.1	1.5	2.5	2.0	. 7							7.8	9.0
SSW	1.2	2.7	2.7	3.8	. 8							11.2	9.5
sw	• 2	1.3	2.5	2.2	.2							6.5	9.8
wsw	.4	. 9	2.8	2.4	.4	• 1						7.0	10.1
w	.6	3.1	5.4	2.6	. 9							12.6	9.0
WNW	.9	1.4	2.1	.6								5.1	7.0
NW	• 7	1.8	2.2	.2								5.0	6.5
NNW	.7	1.2	1.9	.1								3.9	6.3
VARBL													
CALM		><	><	><	><	> <	><			><	> <	5.7	
	11.9	25.8	35.8	17.1	3.5	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

0

2

0

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 FEB

STATION STATION HATE ALL WEATHER 1200-1400

CLASS HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.4	2.6	2,2	.4	• 1							6.7	6.0
NNE	.8	1.5	1.7	• 5								4.5	6.4
NE	. 5	1.4	1.8	.6								4.3	7.1
ENE	.4	. 9	2.1	•5								3.9	7.7
E	.5	1.9	1.5	. 8								4.7	. 7.1
ESE	.5	1.3	.7	. 1								2.6	6.0
SE	.7	.7	.2									1.7	4.3
SSE	.9	.7	.2	. 4		•1						2.4	6.2
S	1.1	2.4	3.5	1.7	.7							9.3	8.9
ssw	.6	. 9	2.8	4.4	1.3	•2						10.3	11.8
sw	.1	• 5	2.0	3.1	. 9							6.5	12.4
wsw	.6	1.4	3.3	3.7	•2							9.2	9.5
w	1.4	2.0	4.5	5.3	1.3	•2						14.8	10.2
WNW	. 4	1.2	3.3	1.7								6.5	8.7
NW	.7	1.4	2.1	.6								4.8	7.0
NNW	. 4	1.4	2.2									4.0	6.4
VARBL													
CALM	><	\times	><	><	$\geq <$	> <	><	\times	><	><	> <	3.7	
	10.9	22.3	34.4	23.5	4.6	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB
STATION	STATION NAME	TEA55	MONTH
		1500-1700	
		CLASS	HOURS (L S T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.7	4.0	1.1	. 5	.1							7.3	5.6
NNE	. 6	2.0	2.0	• 1								4.7	6.2
NE	.6	1.3	1.4									3.3	6.1
ENE	• 6	1.2	2.1	.7								4.6	7.4
£	. 4	1.2	1.1	•1								2.7	6.0
ESE	• 5	.6	• 5							1		1.5	5.3
SE	- 4	• 6	• 2	•1	.1							1.4	6.7
SSE	• 7	. 6	1.2	.7	.1							3.3	8.1
5	• 5	1.5	3.1	2.0	.5							7.6	9.4
SSW	• 2	1.1	2.7	3.9	.7							8.6	11.1
sw	.7	1.2	3.7	2.4	. 4							8.3	9.2
WSW	1.1	1.5	2.6	2.0	.6	• 1						7.9	9.5
W	.9	2.6	5.8	5.1	1.5	.1						16.1	10.4
WNW	.7	1.8	5.6	2.2								10.3	8.6
NW	-5	1.4	2.5	. 4								4.7	7.2
NNW	• 7	1.5	1.2									3.4	5.6
VARBL													
CALM	><	\times	\times	><	\times	> <	\times	><	\times	\sim	>	4 - 1	
	10.6	24.1	36.6	20.2	4.0	• 2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

...

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 STATION	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB
STATION	STATION NAME	YEASS	MTM
		ALL WEATHER	1800-2000
		CLASS.	HOUSE (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	2.7	1.2	. 4	• 2								4.5	3.9
NNE	1.5	1.3	1.2									4.0	5.2
NE	1.5	3.1	.8	. 5								5.9	5.3
ENE	-1	2.5	1.2	.6								4.4	6.6
E	. 4	2.2	1.2	. 4								4.1	6.2
ESE	. 4	. 8	• 2	.2								1.7	5.7
SE	• 2	1.2	. 4	• 1								1.9	5.5
SSE		1.3	. 7	.6	. 1							2.7	8.3
S	1.2	3.3	. 9	. 9	. 4							6.7	7.0
SSW	. 8	4.3	1.9	1.3								8.3	6.9
sw	1.3	1.7	1.8	. 8	.5	•1						6.1	7.8
WSW	.9	. 8	1.7	.9	• 1							4.5	8.0
W	2.5	5.3	3.8	3.1	. 4							15.0	7.4
WNW	2.5	2.1	3.0	. 9	• 1							8.6	6.3
NW	2.1	1.9	2.1									6.1	5.3
NNW	1.5	1.1	. 2	.2								3.1	4.3
VARBL													
CALM	><	><	><	><	\times	><	\geq	><	\geq		> <	12.3	
	19.7	34.0	21.4	10.9	1.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 646

2

42986

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 FEB
STATION STATION HARE ALL WEATHER 2100-2300
CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	1.2	1.2	• 5								4.8	5.3
NNE	1.9	2.7	. 7	•1								5.4	4.6
NE	.9	2.0	1.4	• 5								4.8	6.1
ENE	• 9	1.7	. 9	• 2								3.8	5.6
E	1.2	2.7	2.2	• 2								6.4	5.9
ESE	•1	. 7	.7	• 2								1.8	7.1
SE		• 5	• 2	.1								.8	7.1
SSE	.1	• 5	• 5	.1	.1							1.3	8.1
5	1.2	1.4	2.0	1.2		•2						6.0	8.2
ssw	1.5	2.0	3.3	1.5	. 4							8.7	7.8
sw	.6	1.7	2.1	1.1	.1							5.6	8.0
wsw	1.3	1.1	1.5	1.2	.1							5.2	7.6
w	2.2	3.7	2.4	1.3	.2							9.8	6.4
WNW	3.4	1.9	3.1	1.1	.1	.1						9.7	6.7
NW	1.8	1.7	1.3	• 5								5.2	5.5
NNW	2.0	1.2	.7									3.9	4.0
VARBE													
CALM		\times	\times	\times	\times	> <	\times	\times	X	\sim	>	16.7	
	21.3	26.5	24.3	9.8	1.1	. 4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	FEB		
STATION	STATION HAME	TEARS	монун		
		ALL WEATHER	ALL		
		CLASS	HOUSE (L.S.T.)		
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.6	2.0	1.3	. 3	.0							5.2	5.4
NNE	1.0	2.1	1.3	• 2								4.6	5.7
NE	. 8	2.0	1.5	. 3								4.6	6.1
ENE	.6	1.7	2.0	.6	- 1							4.9	7.2
٤	1.1	2.4	2.0	• 5								5.9	6.3
ESE	• 5	• 7	. 4	. 1								1.7	5.2
SE	• 3	. 6	• 3	• 0	.0							1.3	5.6
SSE	. 4	. 6	• 6	. 4	• 1	.0						2.1	7.7
5	. 9	2.0	2.1	1.3	. 4	• 0						6.8	8.3
\$SW	. 9	2.4	3.0	2.7	. 4	•0						9.6	9.0
sw	1.0	1.8	2.4	1.6	• 3	.0						7.1	8.3
WSW	. 8	1.3	2.2	1.6	. 2	•0						6.1	8.7
w	2.1	3.1	3.6	2.5	.7	.0						12.0	8.2
WNW	1.7	1.8	3.0	1.2	.0	.0						7.7	7.1
NW	1.2	1.6	1.8	. 4								5.0	6.2
NNW	1.2	1.3	1.2	- 1	0							3.8	5.3
VARBL													-7.7-
CALM	><	><	$\geq \leq$	><	$\geq \leq$	\times	$\geq \leq$	><	><	><	$\geq \leq$	11.6	
	16.0	27.2	28.8	13.8	2.3	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6599

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1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GOOMAN AAF KY	65-78.7	5-77	MAR
STATION	STATION NAMES		TEARS	-
		ALL WEATHER		0000-0200
		CLASS		BOURS (L. S.T.)
		CONOLTION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N I	1.4	1.2	. 7	. 1								3.5	5.0
NNE	• 5	1.0	1.9	. 6	• 2							4.2	7.9
NE	1.0	1.7	. 8	. 5								3.9	6.3
ENE	. 5	2.0	1.0	. 4	• 2							4.1	7.0
E	2.2	2.3	1.6	. 6	• 2	.1						6.9	6.3
ESE	.6	1.1	.6	.5						1		2.7	6.6
SE		. 6	.1	.2								1.0	7.9
SSE	. 4	. 4	. 6	. 2								1.6	6.8
S	1.1	1.6	2.4	1.9	.1							7.0	8.5
ssw	. 8	2.3	3.7	1.8	. 4	• 1						9.1	8.4
sw	1.6	2.5	1.4	. 8								6.3	6.3
wsw	.8	. 8	1.0	.7	. 2	• 1						3.7	8.5
w	1.2	1.9	2.2	1.2	. 1	•1						6.7	7.8
WNW	1.8	2.0	2.3	.2								6.3	5.8
NW	1.3	1.7	.5	.2								3.7	5.0
NNW	1.2	1.2	1.1									3.5	4.9
VARBL													
CALM		\times	><	><	>	>	> <	><	><		><	25.8	
	16.2	24.1	21.7	10.0	1.6	•5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 837

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	MAR
STATION	STATION NAME	YEARS	ODNYN
		ALL WEATHER	0300-0500
		HOURS (L.S.T.)	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.9	1.0	.5	•1								3.5	4.
NNE	1.2	1.6	1.4	. 7	.1							5.0	6.6
NE	. 7	2.0	1.4	• 5					S			4.7	6.3
ENE	.8	1.9	1.2	• 5								4.4	6.0
E	1.8	3.0	2.2	• 2								7.2	5.4
ESE	. 7	1.1	• 6	. 5	.1							3.0	6.9
SE	• 5	. 6	• 2	. 1								1.4	5.5
SSE	-1	.6										.7	4
5	1.3	1.3	2.6	1.4								6.7	7.6
SSW	1.7	2.6	3.0	2.5	. 2	. 4						10.4	8.5
sw	1.2	2.7	2.7	1.0								7.6	6.8
wsw	.6	. 8	1.3	. 4			. 1					3.2	7.8
w	1.9	2.9	2.0	1.3	. 4	. 4						8.8	7.8
WNW	1.3	1.8	1.4	. 8								5.4	6.0
NW	.5	1.4	1.1	•1								3.1	5.5
NNW	1.2	1.6	. 5	.1								3.3	4.1
VARBL													
CALM	><	><	><	><	$\geq <$	$\geq \leq$	$\geq <$	\geq	\geq	><	$\geq \leq$	21.5	
	17.4	26.9	22.2	10.3	. 8	7	- 1					100.0	5.

TOTAL NUMBER OF OBSERVATIONS 837

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR		
STATION	STATION NAME	YEARS	- OHTH		
		ALL WEATHER	0600-0800		
		CLASS	HOURS (L.S.T.)		
		CONDITION			

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.8	. 9	. 9								4.6	6.5
NNE	• 9	• 5	1.3	. 4								3.1	6.8
NE	.9	2.3	1.2	. 5								4.8	6.2
ENE	• 2	1.6	2.0	1.1	. 1							5.1	8.6
E	. 8	3.1	2.9	.4								7.2	6.4
ESE	1.4	1.5	1.0	. 2	• 1							4.2	5.8
SE	.6	. 9	. 3	. 4								2.3	6.3
SSE	. 4	• 2	• 3	• 2								1.2	6.1
5	1.2	1.9	1.8	2.0	. 2							7.2	8.2
55W -	1.5	3.3	3.2	2.0	. 3							10.4	7.9
SW	1.1	2.4	1.8	1.4								6.7	7.1
wsw	1.1	1.0	1.2	.6		• 2						4.1	7.5
w	1.8	2.7	3.8	2.4	. 4							11.1	8.0
WNW	1.4	1.2	1.6	. 8		. 1						5.1	6.9
NW	1.0	. 8	.6	.1								2.5	5.0
NNW	1.4	1.3	.5									3.2	4.4
VARBL													
CALM	><	\times	><	><	><	> <	\times	\times	><		\geq	17.3	
	16.7	26.5	24.5	13.5	1.2	. 3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GOOMAN AAF KY		MAR	
STATION	STATION MARE		YSAOS	NOSTS
		ALL WEATHER		0900-1100
		CLASE		POURS (L S.Y.)

	9.4	21.9	37.5	23.5	3.4	. 6						100.0	8.
CALM	\geq	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	3.5						
VARBL													
NNW	. 4	1.0	1.2	.2								2,8	6.
NW	.8	1.6	1.6	• 1								4.1	6.
WNW	. 4	2.0	3.4	1.5								7.4	8.
w	1.0	1.5	4.5	4.8	. 9	•2						12.9	10.
wsw	. 4	1.0	3.0	2.7	. 5							7.6	10.
sw	. 3	1.2	2.5	3.3	. 3							7.6	10.
SSW	• 5	1.2	4.0	4.3	. 5	• 2						10.8	10.
S	- 5	1.8	3.3	2.2	. 6	•1						8.6	9.
SSE	1.0	• 3	1.4	.8	.1	• 1						3.7	8.
SE	.8	1.4	. 8	• 3								3.2	5.
ESE	1.0	1.4	2.4	.6								5.4	7.
8	.9	3.2	2.8	. 9	. 3							8.1	7.
ENE	- 2	1.1	2.4	.5	.1							4.3	8.
NE	4	.5	1.6	.3	-				-			2.9	7.
NNE	2	1.2	1.5	. 6								٠.5	7.
N	• 5	1.5	1.2	• 3								3.5	6.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 930

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A2972

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70.75-78	MAR
STATION	STATION NAME	YEAOS	90NTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CARRIEDA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	.6	1.6	1.3	• 5								4.1	6.7
NNE	.6	. 9	1.5	.9								3.9	7.5
NE	. 3	• 8	1.1	. 4								2.6	7.5
ENE		1.5	1.6	. 9	. 2							4.2	8.8
£	1.0	1.5	1.3	1.0	. 1							4.8	7.3
ESE	• 8	1.5	1.4	. 4						1		4.1	6.3
SE	. 4	.6	1.2	1.0								3.2	8.3
SSE	.8	• 6	1.0	.6								3.0	7.3
5	. 2	1.4	3.2	2.9	1.0	.1						8.8	11.0
SSW	.1	1.3	2.5	3.8	. 9	.3						8.8	11.5
sw	.5	• 5	2.0	4.0	1.1	.3						8.5	11.8
wsw	• 3	1.0	3.9	3.5	. 9	. 3						9.9	11.1
w	1.0	1.7	4.8	7.6	1.2							16.3	10.9
WNW	• 2	1.6	4.0	2.7	. 4							8.9	9.6
NW	.2	. 6	1.7	.6								3.2	8.7
NNW	- 1	1.5	1.4	• 2								3.2	6.8
VARBL													
CALM	><	><	><	><	><	><	><	><		\searrow	> <	2.4	
	7.2	18.7	33.9	31.1	5.7	1.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 MAR

RTATION HAME ALL WEATHER 1500-1700

CLARK KONSTIGN

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.9	1.7	.2								4.9	5.9
NNE	• 3	1.3	1.6	• 5	. 4							4.2	8.6
NE	• 2	.6	1.2	. 8	. 1					1		2.9	8.4
ENE	• 5	. 9	1.4	.6	• 1					'		3.5	8.0
E	5	. 9	2.6	1.4								5.4	8.2
ESE	. 8	• 6	1.8	. 4						1		3.7	7.2
SE	- 1	. 4	. 8	• 3								1.6	8.7
SSE	• 3	1.0	.6	.6	. 1							2.7	7.9
S	• 5	1.5	4.0	3.9	.5							10.4	10.0
SSW	.2	. 8	2.4	4.6	1.2	.1						9.2	12.1
sw	. 3	. 6	1.5	2.4	. 8		.1					5.7	11.4
wsw	.2	1.6	2.5	2.8	. 5	.2	.1					8.0	10.8
w	. 5	1.9	6.2	6.6	1.2	. 3						16.8	10.9
WNW	.5	2.6	4.2	2.8	1					1		10.1	8.7
NW	.3	1.7	2.0	. 4								4.5	7.3
NNW	. 3	1.7	1.7	.1								3.9	6.4
VARBL				1									
CALM	><	><	$\geq <$	$\geq <$	$\geq \leq$	><	><	\geq	\times	><	\geq	2.5	
	6.9	20.1	36.2	28.5	4.9	. 6	. 2				•	100.0	9.2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

T24240 FT KNOX/GODMAN AAF KY

STATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	49 - 55	≥ 56	٠.	MEAN WIND SPEED
7	1.4	2.3	1.1	. 4								5.2	5.5
NNE	1.1	1.4	1.1	.6	. 1							4.3	6.8
NE	• 1	1.5	1.3	. 8								3.7	7 . 8
ENE	• 3	1.7	1.0	1.1								4 - 1	7 - 7
E	. 8	2.7	2.0	. 8						1		6.2	6.7
ESE	. 4	1.3	1.1									2.8	5.8
SE	. 2	1.1	• 5	.6	.1							2.6	8.3
SSE	. 8	. 9	1.0	. 2	. 1							2.9	6.6
5	2.2	3.1	2.9	1.9	. 1							10.2	6.9
ssw	1.4	2.0	2.4	1.8	. 1							7.7	7.8
sw	. 2	. 9	.6	. 8	. 2							2.7	8.8
wsw	. 3	1.4	1.1	. 8	. 3							3.9	8.6
w	1.7	4.9	4.7	1.5	. 1	• 1						13.1	7.2
WNW	2.7	3.1	2.7	. 9	. 1							9.5	6.4
NW	2.0	1.5	1.2	. 1								4.8	4 . 8
NNW	1.1	1.8	1.0	. 2								4.1	5.2
VARBL													
CALM	><	X	><	><	><	> <	> <	>	>		><	12.3	
	16.7	31.6	25.6	12.5	1.3	•1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-7	8	MAR
STATION	STATION HAME		TEARS	PONTH
		ALL WEATHER		2100-2300
		CLASS		POURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	2	MEAN WIND SPEED
N	1.8	1.8	1.4	. 3								5,4	5.3
NNE	•6	1.2	1.5	. 4	. 2		r .			1		4.0	7.6
NE	•6	1.5	1.0	. 8	• 2							9 4.1	7.7
ENE	.9	1.3	1.6	.6	. 1							4.5	7.3
E	1.2	4 . 1	2.0	. 2	. 3							7.8	6.1
ESE	- 1	. 8	1.2	. 4						1		2.5	7.7
SE	.5	1.4	. 3	. 2						1 1		2.5	5.3
SSE	• 2	. 6	. 5	. 5	. 2							2.2	8.9
S	1.1	2.4	2.4	2.5	. 2							8.5	8.2
SSW	-8	2.4	3.1	1.4	. 1							7.7	7,9
sw	.6	1.6	.6	.5								3,4	6.3
wsw	.5	1.5	1.3	.6	. 1							4.1	7.4
w	1.8	2.6	1.7	1.1	.1	.1						7.4	6.9
WNW	2.0	2.8	1.6	.5	.1							7.1	5.7
NW	1.6	1.9	1.0	.2	- 14							4.7	4.8
NNW	1.8	1.2	. 9									3.9	4.3
VARSL													
CALM	><	><	><	><	><	><	><			><	><	20.2	
	16.3	29.0	22.2	10.4	1.7	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

930

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAR
RTATION	RTATION NAME	YEARS	HOUTH
		ALL WEATHER	ALL
		CLA 56	HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.2	1.7	1.1	. 4								4.4	5.7
NNE	.7	1.1	1.5	.6	.1							4.0	7.4
NE	• 5	1.4	1.2	.6	• 0							3.7	7.1
ENE	. 4	1.5	1.5	.7	.1							4.3	7.7
E	1.1	2.6	2.2	.7	.1	•0						6.7	6.6
ESE	.7	1.2	1.3	. 4	.0							3.6	6.6
SE	. 4	. 9	• 5	. 4	• 0							2.2	7.0
SSE	•5	. 6	.7	.4	• 1	.0						2.3	7.4
5	1.0	1.9	2.8	2.4	. 4	.0						8.5	8.8
SSW	.9	2.0	3.0	2.8	.5	.1						9.3	9.4
sw	• 7	1.5	1.7	1.8	. 3	.0	.0					6.1	8.9
wsw	.5	1.1	1.9	1.5	.3	•1	.0					5.6	9.6
w	1.4	2.5	3.8	3.4	.6	•2						11.7	9.2
WNW	1.3	2.2	2.7	1.3	.1	•0						7.5	7.4
NW	1.0	1.4	1.2	.2								3.8	5.9
NNW	. 9	1.4	1.0	.1								3.5	5.4
VARBL													
CALM	><	\times	><	><	\times	><	\times	> <	><		><	12.9	
	13.3	24.8	28.1	17.7	2.6	•5	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7254

2

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-7	7	APR
RTATION	STATION MARE		TEARS	BONTH
		ALL WEATHER		0000-0200
		CLASS		HOURE (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	2.0	1.0	1.4	• 2								4.6	5.
NNE	1.0	2.8	1.2	.2								5.3	5.
NE	• 5	2.8	2.2	.1								5.7	6
ENE	1.1	1.7	2.2	• 1								5.2	5.8
E	2.1	3.6	3.0	• 5								9.1	5.
ESE	• 7	1.6	. 2	. 1								2.7	4.
SE	. 4	. 9	• 2									1.5	5 . 3
SSE	• 6	1.1	1.6	.6								4.0	7.
5	2.2	2.0	2.6	1.2								8.0	6.0
SSW	• 9	2.8	1.7	1.5	. 2							7.2	7.
sw	. 9	2.0	2.5	. 9	. 1							6.3	7.
wsw	1.6	1.4	.7	. 4	.1							4.2	5.0
w	1.7	. 9	2.1	1.2	• 1	•1						6.2	_ 7 . 9
WNW	• 5	1.2	1.4	. 4	. 1							3.6	_ 7.
NW	1.6	. 9	. 9	• 2								3.6	4.5
NNW	. 9	1.2	.6									2.7	4 . 8
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	$\geq <$	20.2	
	18.6	27.9	24.6	7.8	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,7	5-78	APR
STATION	STATION NAME		TEAGE	NONTR
		ALL WEATHER		0300-0500
		CLASS		HOUSE (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5	1.8	. 7	• 1								4.2	4.6
NNE	.9	2.6	1.1	.2								4.8	5.7
NE	.9	3.5	1.8	•1								6.3	5.7
ENE	.9	2.0	3.6	• 2								6.7	6.8
E	1.4	2.5	3.1	• 5								7.4	6.4
ESE	1.0	. 9	.4									2.2	4.0
SE	.6	. 4	. 1									1.1	3.9
SSE	.4	1.1	1.8	• 1								3.5	6.6
5	2.1	2.2	3.1	1.1								7.5	7.1
SSW	1.2	2.8	3.9	1.6	.1							9.7	7.7
sw	1.2	2.6	1.1	.7		• 1						5.8	6.4
wsw	.7	1.8	1.4	. 4	.1	• 1						4.6	6.9
w	.9	1.7	1.5	.6	. 2							4.9	7.3
WNW	1.4	1.0	1.0	.5								3.8	5,9
NW	1.2	.6	.6									2.5	4.5
NNW	1.1	1.5	.7									3.3	4.9
VARBL													
CALM	><	><	><	><	\times	\times	><	><	><	\sim	> <	21.7	
	16.3	29.0	26.0	6.3	. 5	• 2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

813

2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION HAME	TEADS	WONTH
		ALL WEATHER	0600-0800
		CLASS	House (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	1.7	.8	•1								3,9	4.9
NNE	. 8	2.1	2.1	. 6								5.6	6.9
NE	1.3	2.0	2.3	. 2								5.9	5.8
ENE	.7	2.4	2.8	. 9								6.8	7.1
E	2.0	3.8	4.4	1.2	. 1	• 1						11.7	6.9
ESE	1.0	.6	. 4	. 2	.1					}		2.3	5.8
SE	• 3	. 7		.1								1.1	4.8
SSE	• 7	. 9	1.3	.2								3.1	6.5
S	1.2	1.9	2.9	2.9								8.9	8.3
SSW	1.4	1.9	3.6	2.4	. 1							9.4	8.1
sw	1.6	2.0	2.1	1.4	. 1							7.2	7.3
wsw	. 8	.7	2.4	1.4	.1							5.4	8.7
w	. 4	2.1	2.4	1.1	• 1	.1	.1					6.4	8.7
WNW	• 2	1.2	1.3	8	.1							3,7	8.2
NW	.8	. 9	1.0	.1								2.8	5.3
NNW	- 3	1.6	1.3									3.2	5.6
VARBL													
CALM	><	><	\times	><	><	> <	\times	><	X	\sim	>	12.6	
	14.9	26.3	31.3	13.8	. 8	.2	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

2

0

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
RTATION	STATION NAME		YEARS
		ALL WEATHER	0900-11
		CLASE	HOU WS (L S Y.

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 2	2.0	1.3	1.1								4.7	7.0
HNE	.6	2.2	2.2	.6								5.6	6.9
NE	• 2	1.3	1.3	1.1								4.0	8.3
ENE	. 8	2.0	2.6	.7								6.0	7.0
E	1.2	2.4	4.4	1.0								9.1	7 - 1
ESE	• 8	1.8	2.2	.7	.1							5.6	7.0
SE	• 3	.9	1.1	. 4	.1							2.9	7.9
SSE	1.0	1.0	1.4	1.1	.2							4.8	7.1
5	. 7	1.4	4.0	2.6	• 2							8.9	9.2
ssw	. 4	1.7	3.8	4.4	.9							11.2	10.6
sw	.4	. 8	2.1	3.2	.6							7.1	10.9
wsw	• 3	1.1	2.0	3.4	1.0							7.9	11.1
w	• 1	1.0	3.9	2.9	. 8	.3	•1					9.1	11.5
WNW	• 1	1.8	1.9	1.2	• 2							5.2	8 . 5
NW	• 2	.9	.7	.2								2.0	7.0
NNW	.2	1.7	1.1	.1								3.1	6.3
VARBL													
CALM	><		><	><	><	>	><		\sim		><	2.9	
	7.7	24.0	36.1	24.8	4.1	• 3	•1					190.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

2

0

0

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FT KNOX/GODMAN AAF KY	65-70,75-	78	APR
STATION NAME		75.5 4 5	#007#
	ALL WEATHER		1200-1400
	CLASS		HOUPE (L.G.Y.)
-		STATION NAME ALL WEATHER CLASS	STATION NAME ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×	MEAN WIND SPEED
N	. 8	2.7	2.7	. 8								6.9	6.5
NNE	. 4	2.0	1.7	.6								4.7	6.9
NE	.4	1.0	1.2	.2								2.9	6.7
ENE	. 4	1.2	2.0	. 4						1		4.1	7.4
E	.7	2.1	3.7	.6								7.0	7.2
ESE	.8	• 8	1.1	.3								3.0	6.6
SE	.4	. 9	.9	.3								2.6	6.8
SSE	1.8	1.3	1.7	1.1	.2							6.1	7.2
5	.7	1.6	3.0	4.6	. 3	•1						10.2	10.3
ssw	•1	.8	2.9	4.9	1.0	• 1						9.8	11.9
sw	• 3	.7	2.2	3.3	. 9	• 3						7.8	12.4
wsw	•2	. 8	2.0	3.6	.7	•1						7.3	11.5
w	.1	1.6	4.2	4.6	1.4							11.9	11.7
WNW	.6	2.2	2.4	1.8	. 3	• 3						7.7	9.3
NW	.2	1.1	1.4	.3								3.1	7.5
NNW	.2	1.2	.9	•1								2.4	6.2
VARBL													
CALM		\times	> <	><	\times	\times	>	><	>		>	2.6	
	8.2	21.9	34.0	27.4	4.9	1.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

2

0

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724249	FT KNOX/GODMAN AAF KY	65-70.75-78	APR
STATION	STATION NAME	TEASS	MONTO
		ALL WEATHER	1500-1700
		CLASS .	BOUSS (L S T.)
		COMPLETE	

CALM							~					2.4	
NNW VARBL	.6	1.9	1.0	• 1	.1							3.7	6.
NW		1.4	1.2	• 3	.1							3.1	7.
WNW	.4	1.1	3.3	2 . 3	• 2							7,4	9.
W	.3	2.8	4.7	4.0	1.6	•2						13.6	10.
WSW	.7	2.0	3.1	3.3	. 3	3						9.8	10.
sw	. 3	. 9	1.3	2.8	. 4							5.8	10.
ssw	. 4	1.0	3.4	4 - 1	.6							9.6	10
S	.6	1.9	3.4	4.6	1.1							11.6	10.
SSE	.1	1.1	1.4	.9	• 2							3.8	8
SE	. 3	. 6	.7	•1								1.7	6.
ESE	• 2	1.6	.8	• 3								2.9	6.
Ε	.6	1.6	3.3	• 1								5.6	7
ENE	.8	1.7	2.0	. 4								4.9	6.
NE	.6	• 9	2.0	• 2								3.7	7
NNE	• /	2.2	1.7	. 6	••							4.4	6
N	.9	2.3	2.4	. 4	•1							6.2	6,
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 900

2

G

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION O. O.	TEADS	erno#
		ALL WEATHER	1800-2000
		CLASS	BOVES (L & T)

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.7	2.3	.7									4,7	4.4
NNE	1.3	2.4	1.9	. 4								6-1	6.1
NE	1 - 4	1.8	. 7	. 6								4.4	5.8
ENE	1.0	2.6	1.7	.3								5.6	5.7
Ε	1.2	2.4	2.1	• 6								6.3	6.3
ESE	• 3	1 . 4	. 9									2.7	5.7
SE	. 2	1.0	1.4	.2	-1							3.0	7.4
SSE	. 6	. 4	1.3	• 2		.1						2.7	8.0
5	1.8	3.8	2.8	2.8	. 6							11.7	7.9
SSW	1.3	2.7	2.4	1.8	. 3							8.6	7,7
sw	. 8	1.6	1.8	. 6								4.7	6.8
wsw	. 3	. 9	2.0	1.6								4.8	8.7
w	1.4	3.2	3.0	1.6	. 3							9.6	7.5
WNW	1.3	1.6	1.2	. 4								4.6	6.0
NW	1.9	1.4	. 8	• 3								4,4	4.9
NNW	1.7	1.3	. 7	• 1								3.8	4.4
VARBL													
CALM	><	\times	><	><	><	\times	\times	><	\times	\sim	><	12.6	
	18.3	30.9	25.3	11.4	1.3	1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2

0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-7	8	APR
STATION -	STATION HANE		YEASS	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOURS (L.S.T.)
		AANAIT/AN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
И	1.6	1.1	1.0	. 3								4.0	5.3
NNE	1.2	3.9	1.6	. 2								6.9	5.5
NE	. 8	2.6	1.2	• 1								4.7	5.3
ENE	1.0	3.1	2.0	. 3								6.5	6.2
E	1.0	2.7	2.0	. 4								5.1	5.9
ESE	.6	1.1	1.0	. 2						1		2.9	6.1
SE	• 3	. 3	1.1									1.8	6.4
SSE	.9	. 1	1.2	.6		•1						2.9	8.2
S	1.9	2.2	1.7	1.3	. 4	•1						7.7	7.6
ssw	1.7	1.6	2.4	1.1	.2	• 2						7.2	7.9
sw	1.3	1.7	1.1	. 9		•1						5.1	6.7
wsw	1.2	1.0	1.0	.7	.1							4.0	6.8
w	1.8	.9	1.5	.9	.2							5.6	7.1
WNW	1.7	.7	1.1	.8								4.2	6.8
NW	1.1	. 9	.6	. 2								2.8	5.4
NNW	1.7	1.2	. 4	• 1								3.4	4.2
VARBL													
CALM		>	><	>	><	>	><		X		><	24.2	
	19.7	25.0	21.2	8.2	1.0	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

899

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	APR
STATION	STATION HANE	TEARS	• ONTH
		ALL WEATHER	ALL
		CLASS	BOUNS (L.S. T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.2	1.9	1.4	. 4	.0							4.91	5.8
NNE	. 8	2.5	1.7	. 4								5.4	6.3
NE	. 8	2.0	1.6	• 3								4.7	6.2
ENE	. 8	2.1	2.3	. 4								5.7	6.6
£	1.3	2.6	3.3	. 6	.0	.0						7.8	6.6
ESE	. 7	1.2	. 9	• 2	.0							3.0	6.0
SE	. 4	. 7	. 7	• 2	.0							2.0	6.5
SSE	. 8	. 9	1.5	• 6	. 1	• 0						3.8	7.5
5	1.3	2.1	2.9	2.7	. 3	•0						9.3	8.6
SSW	. 9	1.9	3.0	2.8	. 4	.0						9.1	9.2
sw	• 9	1.5	1.8	1.8	. 3	• 1						6.2	8.8
wsw	.7	1.2	1.9	1.9	. 3	• 1						6.0	9.3
w	. 8	1.8	3.0	2.1	. 6	•1	.0					8.5	9.5
WNW	. 8	1.4	1.7	1.0	• 1	.0						5 - 1	8.1
NW	. 9	1.0	. 9	• 2	.0							3.0	5.9
NNW	. 8	1.5	. 9	. 1	.0							3.2	5.3
VARBL												1	
CALM	$\geq <$	><	$\geq <$	\times	\geq	><	><	><	> <		>	12.2	
	13.7	26.2	29.4	15.8	2.3	. 4	• 0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7020

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-S (QL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-77	MAY
STATION	STATION NAME	YEASS	MONTH
		ALL WEATHER	0000-0200
		CLASS	eques (L S T.)
		CONGITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N I	1.7	2.3	. 1	. 4								4.4	4.6
NNE	1.4	2.4	1.2	. 7								5.8	5.6
NE	1.1	1.2	. 8									3.1	5.0
ENE	1.4	2.0	1.0									4.4	4.8
E	1.8	2.8	. 7	. 1								5.4	4.6
ESE	1.0	. 5	.2	.2								1.9	4.6
SE	.5	. 6	.2									1.3	4.5
SSE	.7	. 6	. 4	.1								1.8	4.9
5	1.3	1.7	1.4	.5								4.9	6.1
SSW	1.7	2.5	2.5	.5	. 2							7.4	6.4
SW	2.8	2.9	2.2	. 6								8.4	5.4
wsw	1.4	1.4	1.0	.4								4.2	5.2
w	2.5	1.0	•1									3.6	3.1
WNW	.5	• 5	.2	. 2								1.4	6.1
NW	.7	. 7										1.4	3.1
NNW	1.2	1.1	.1									2.4	3.9
V ARBL													
CALM		><	><	><	><	X		><	X		><	37.9	
	21.7	24.1	12.2	3.7	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

833

FT KNOX/GODMAN AAF KY

724240

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C

SURFACE WINDS

100.0

865

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

65-70,75-78

					ALL ME	EATHER						0300	1-0500
	delana					DITION							5 (1, 5 Y ₁)
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	2.4	1.4	• 1	• 1							- 0	4.0	3.7
NNE	1.5	2.0	1.6								31	5.3	5,3
NE	.7	1.8	1.5	. 1							- 19	4.2	5.3
ENE	1.5	2.9	. 9	. 1								5.4	4.7
E	1.0	2.7	1.4								19	5.1	5.2
ESE	1.2	. 7	• 1	.1							i.	2.1	3.8
SE	.5	. 3	• 2	. 1							19	1.2	5.2
SSE	• 3	• 3	• 2								1	. 9	4.9
\$.8	2.0	1.6	.7							1	5.1	6.8
SSW	1.3	2.9	1.8	.5	• 2						- 1	6.7	6.3
sw	2.5	2.9	1.5	. 6							1	7.5	5.3
wsw	2.1	1.3	• 2	. 2							- 4	3.8	3.9
w	3.4	1.6	• 1	. 2	• 2	.1					1	5.7	4.6
WNW	1.0	. 6	. 2								in the	1.8	3.6
NW	1.2	. 5	. 3								(1	2.0	3.9
NNW	.6	1.4									1	2.0	4.2
VARSL										-			

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	MAY
STATION	STATION NAME	YK486	MOSTH
		ALL WEATHER	0600-0800
		CLASE	NOVES (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.0	1.3	• 5	• 3					1			3.1	5.3
NNE	1.4	1.8	1.8	. 2								5.3	5 . 5
NE	1.1	2.3	. 9									4.2	4.9
ENE	1.0	3.0	2.0	8.)]		6.8	6.4
E	2.2	3.2	2.5	. 4								8.3	5 . 6
ESE	1.8	1.8	. 6	.1								4.4	4.3
SE	. 6	. 4	. 3									1.4	4.5
SSE	. 9	• 5	. 5									1.9	4 . 5
S	1.5	1.8	1.8	. 3	• 1							5.6	6.0
SSW	2.3	3.7	3.5	1.7	. 1							11.2	6.7
sw	2.5	3.7	2.7	1.2								10.0	6.2
wsw	. 9	2.0	1.5	. 8								5.2	6.7
w	1.7	4.5	1.7	. 6								8.6	5.6
WNW	1.0	1.8	• 5	• 5								3.9	5.8
NW	. 4	• 3	• 3									1.1	4.5
NNW	. 6	. 9	• 2									1.7	4.5
VARBL													
CALM	><	><		$\geq <$	$\geq <$	><	><	><	><		$\geq \leq$	17.2	
	20.8	33.2	21.6	7.0	. 2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 927

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0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 MAY
STATION STATION NAME ALL WEATHER G900-1101
CLASS NOVES (L.S.T.)

CONDITION

	13.3	33.8	33.5	13.1	1.3	.1						100.0	6
CALM	\geq	$\geq \leq$	\geq	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	5.0	
VARBL													
NNW	. 4	1.7	• 5									2.7	
NW	1.2	• 8	• 3									2.3	
WNW	1.1	1.7	1.6	. 9								5,3	
W	1.0	3.3	4.9	1.8	• 3							11.3	
wsw	.9	3.1	4.3	2.7	-1	• 1						11.2	
SW	.9	2.7	2.9	2.7	• 5							9.7	
ssw	.5	2.5	4.4	2.6	• 3							10.4	-
\$.8	2.6	3.5	.5								7.3	- (
SSE	.9	1.3	.9	•1								3.1	
SE	.5	• 5	. 9									1.9	
ESE	. 9	2.2	1.1	.2								4.3	
Ę	1.3	3.8	2.5	. 4								8.0	-
ENE	1.3	1.3	1.8	• 3								4.7	6
NE	.3	1.7	1.5	• 3								3.9	
NNE	.4	2.6	1.4	. 4								4.9	6
N	1.0	1.9	1.1									4.0	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME. WII SPE

TOTAL NUMBER OF OBSERVATIONS

0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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82999

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

T24240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION HAME

ALL WEATHER

CLASS

CONDITION

CONDITION

	11.1	28.4	37.4	16.5	2.6	.2						100.0	- 1
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	\times	\geq	3.8	
VARBL													
NNW	.6	1.7	1.1	.1								3.6	5
NW	.5	1.4	1.0	.1								3.0	6
WNW	.6	2.4	2.4	.8	.1							6.3	7
w	1.1	2.5	4.4	3.5	.5	.1						12.1	9
wsw	.3	1.8	5.0	2.6	• 3							10.0	9
sw	.4	1.9	4.2	3.1	.5					-		10.2	0
ssw	.9	2.4	4.5	2.5	.9	.1						11.2	0
5	1.6	2.3	4.0	1.2	.1			-	-			9.2	7
55E	.4	1.7	.9	•1	•1			-				3.3	
ESE SE	.8	1.5	.8	.3						-		3.3	7
E	.8	2.4	2.5	.4								6.0	6
ENE	1.0	1.5	2.7	.5								5.7	6
NE	• 2	.6	1.0	•2								2.0	7
NNE	•5	1.9	1.0	.6								4.1	7
N	1.2	1.6	1.6	•2								4.6	6
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 MAY STATION 1500-1701 hoves (LST.) ALL WEATHER CONDITION SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 17 - 21 22 - 27 26 - 33 6.1 N 1.2 1.7 1.4 . 3 4.6 1.9 •1 NNE . 9 1.6 4.5 6.1 .5 1.0 1.4 3.0 NE .1 6.1 ENE • 5 1.5 1.9 4.6 7. .2 1.0 2.9 1.5 5.6 ŧ 6.1 1.0 1.3 ESE .4 . 8 3.5 7. . 4 .2 SE . 3 1.2 2.2 .5 SSE . 4 . 4 .6 2.0 5 • 5 2.3 1.2 4.2 8.2 7. 2.6 10.2 1.3 2.3 4.0 . 1 SSW

. 4

. 1

. 4

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TOTAL NUMBER OF OBSERVATIONS

10.4

14.5

6.4

4.1

4.7

2.5

9.0

8.

8.

8.

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92

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

2.7

2.3

4.2

1.6

1.6

2.4

30.7

.6

1.0

1.4

.9

. 8

1.6

SW

wsw

WNW

NW

NNW

VARBL

CALM

4.2

3.7

5.0

2.7

1.6

.5

36.5

2.4

1.9

3.5

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	HAY
STATION	STATION NAME	YEASS	BORTH
		ALL WEATHER	1800-200
		CLASS	0048 (L 8.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEA WIN SPEE
N	2.7	1.6	.4	• 1								4.9	3
NNE	1.3	1.4	1.4	-1								4.2	
NE	1.6	2.0	1.2	• 1								5.0	5 5 4
ENE	1.1	2.6	1.1									4.7	5
E	1.9	2.2	. 9									5.0	4
ESE	.9	1.8	.8									3.5	5
SE	. 8	1.3	•2	•1								2.4	4
SSE	. 4	1.1	.9	• 3								2.7	6
S	2.5	2.9	1.9	. 3	.1							7.8	5
ssw	1.4	3.6	2.5	. 1								7.6	5
sw	1.9	3.1	1.8	•1								7.0	5
wsw	1.4	2.0	1.1	. 2								4.7	5
w	.8	2.2	1.9	1.0								5 . 8	7
WNW	2.0	1.6	1.1	• 3								5.1	5
NW	2.2	1.8	.6	•1								4.7	4
NNW	2.2	. 9	. 4									3.5	3
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	$\geq \leq$	21.6	
	25.0	32.1	18.2	2.9	•1							100.0	4

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,7	5-78	MAY
STATION	STATION HAME		YEA+B	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOUSS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.8	1.6	. 4									4.8	3.
NNE	2.1	1.6	.6	• 3								4.6	4.
NE	. 8	1.9	. 8	.1								3.6	5.
ENE	•2	1.1	1.0	• 1								2.5	6.
E	1.3	2.7	1.2	.6								5.8	5.
ESE	1.0	1.1	. 4									2.6	4.
SE	.9	1.6	. 2									2.7	4.
SSE	-1	1.3	.7	• 1								2.2	6.
5	1.3	3.6	1.8	• 3								7.0	5 ·
ssw	1.9	3.0	1.1	• 2								6.2	5.
sw	3.0	1.6	1.2	• 1								5.9	4.
wsw	2.0	. 7	. 4	. 1								3.2	3.
w	2.8	. 7	.6	. 4								4.5	4.
WNW	1.3	1.0	• 3									2.7	3.
NW	1.7	. 8	.1									2.6	3.
NNW	1.4	. 6	. 4									2.5	3,
VARBL											-		
CALM	><	><	><	><	> <			><			><	36.8	
	24.7	24.6	11.5	2.5								100.0	3.

TOTAL NUMBER OF OBSERVATIONS

2

02994

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724 24 0	FT KNOX/GODMAN AAF KY	65-70,75-78	MAY
STATION	STATION HAME	TEASS	MONTH
		ALL WEATHER	ALL
		CLASS	HOUSE (L & T.)
	-	CONSITION	

	18.9	29.1	23.1	8.1		.1	.0					100.0	5
CALM	$\geq \leq$	$\geq <$	><	><	><	$\geq \leq$	$\geq \leq$	19.8					
VARBL													
NHW	1.1	1.3	. 4	• 0	• 0							2.9	4
NW	1.1	1.0	.6	•0								2.7	4
WNW	1.1	1.4	1.2	• 5	•0		• 0					4.2	
w	1.8	2.5	2.4	1.4	• 2	.0						8.4	•
wsw	1.2	1.9	2.2	1.1	• 1	•0						6.5	
sw	1.8	2.7	2.6	1.4	• 2							8.7	
ssw	1.4	2.8	3.1	1.4	. 2	.0						8.9	-
S	1.3	2.4	2.6	.6	•0							6.9	
SSE	•5	. 9	.6	.2	•0							2.3	
SE	• 5	. 8	. 4	• 1								1.8	
ESE	1.0	1.3	.7	.2								3.2	1
E	1.4	2.8	1.7	.3								6.2	
ENE	1.0	2.0	1.6	. 3								4.9	-
NE	.8	1.6	1.1	.1							H	3.6	
NNE	1.2	1.9	1.4	.3							1	4.8	
N	1.7	1.7	.7	.2								4.3	- 4
SPEED (KN7S) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME. WII SPE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4240	FT	(NOX/GOE					65-	-70,75	-78					IUN
7AT100			STATION	Hame						YEASS			•	MINO
						ALL W	EATHER						0000	-0200
		_					LA38							(LET.)
		_				CON	MOITIGH							
	SPEED (KNTS)	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN
	DIR.							10, 00						SPEED
	N	2.3	1.0				- 1						3.4	3.6
	NNE	2.2	2.3	.6	• 2								5.3	4.2
- 1	NE	1.2	1.3	.7	. 1								3.3	4.8
	ENE	1.1	1.6	. 4	.1								3.2	5.0
	3	1.3	1.7	• 3	. 1								3.4	4.3
	ESE	.9	. 9	• 1									1.9	3.5
-	SE	• 3	. 4										. 8	3.4
- (SSE	.6	. 7	• 2	• 1								1.6	4.7
1	\$.7	1.9	1.3	.1								4.0	5.8
	\$5W	3.4	3.8	1.9	• 3								9.4	4.8
	sw	4.6	3.9	1.1									9.6	3.9
	wsw	1.4	1.4	. 8	• 1								3.8	4.8
- 1	w	2.0	. 9	• 1									3.0	3.3
1	WNW	1.1	.7	• 1									1.9	3.4
	NW	.2	. 6	• 2									1.0	4.7
- (NNW	.9	4	• 1									1.4	3.6
	VARBL													
	CALM	$\geq \leq$	><	><	><	><	><	><	><	><	><	><	42.9	
	3	20.									161			A Comme

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
		ALL WEATHER	0300-0500
		CLASS	HOUGE (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	. 34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	2.6	1.3	• 2	• 1								4.2	3.6
NNE	1.7	2.0	. 4	• 1								4.2	4.2
NE	.4	2.2	.7	. 1								3.4	5.3
ENE	1.2	2.0	.7	• 2								4.1	4.9
E	1.2	1.2	.6									3.0	4.1
ESE	• 7	. 4										1.1	3.4
SE	• 8	• 2	.1									1.1	3.2
SSE	.8	. 8	.2									1.8	3.7
S	2.1	2.7	.6	. 4		-						5.8	4.7
ssw	2.4	4.8	1.9	• 3								9.4	5.2
sw	3.0	2.9	1.2	• 3								7.4	4.6
wsw	1.6	1.6	.6	• 1								3.8	4.4
w	2.0	1.0	• 3	•2				1				3.6	4.2
WNW	.9	. 4										1.3	3.1
NW	.6	• 3										.9	3.4
NNW	1.0	• 6	.1	.1								1.8	3.6
VARBL													
CALM	><	\times	><	><	\times	\times	\times		><	\sim	><	43.0	
	22.9	24.4	7.6	2.1								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION NAME ALL WEATHER

CLASS

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	• 9	• 3									2.6	4.2
NNE	1.3	2.4	. 9	• 2								4.9	5.2
NE	1.2	2.3	1.1	• 3								5.0	5.5
ENE	1.1	2.8	1.1	. 3								5.3	5.3
E	1.4	2.1	1.1									4.7	4.8
ESE	.9	. 7	• 3									1.9	4.1
SE	.6	.7										1.2	3.4
SSE	.6	1.0	. 2									1.8	4.2
5	3.0	4.0	2.1	.6								9.7	5.3
ssw	2.3	5.9	5.4	.8								14.4	6.3
sw	3.8	4.9	2.7	• 7								12.0	5.3
wsw	1.8	2.1	2.1	• 3								6.3	5.6
w	1.3	2.3	1.2	•1								5.0	5.5
WNW	.9	. 8										1.7	3.7
NW	.7	.7	•1									1.4	4.0
NNW	1.0	.7	•2									1.9	3.9
VARBL				. 1									
CALM	X	\times	><	><	><	> <	><	X	><	\sim	>	20.2	
	23.2	34.2	19.0	3.3								100.0	4.2

SOUTH TOTAL NUMBER OF OBSERVATIONS 900

2

£299.8

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724248	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	TEAGL	PONTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (LOT.)
		COMOITION	
		COMBILION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.4	1.7	2.0	. 1								5.2	5.7
NNE	1.1	1.8	1.2	. 2	. 1							4.4	5 . !
NE	• 9	2.1	1.3	. 4								4 . 8	6.
ENE	• 7	1.9	1.8	. 3								4.7	6.6
E	1.6	3.4	. 9	.2								6.1	4.
ESE	1.3	1.8	. 8	• 1								4.0	4.9
SE	.7	. 4	. 2									1.3	3.9
SSE	1.7	. 8	• 2									2.7	3.
5	1.6	3.2	1.6	1.0								7.3	6.1
SSW	2.0	2.9	5.4	4.0								14.3	8.
sw	1.0	3.7	5.8	2.2	. 2							12.9	8.0
WSW	1.2	3.4	4.7	1.0	• 1							10.4	7.3
w	1.3	4.2	3.2	. 9	. 1							9.8	6.
WNW	• 8	1.2	. 8	.2								3.0	6.
NW	.9	1.0										1.9	3.
NNW	1.0	1.1	• 3									2.4	4 . :
VARBL													
CALM		><	><	><	><	><		><		><	><	4.7	
	19.1	34.7	30.2	10.8	.6							100.0	6.

TOTAL NUMBER OF OBSERVATIONS

900

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0

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	NIO A / GUL					0 3	14113						IUN
		STATION	M. ME						EARS				9110
					ALL WE	ATHER						1200	-1400
												00000	(
					CONI	DITION							
	_												
										,			
SPEED (KNTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN
DIR.												1	SPEED
N	1.8	2.0	1.6	.2								5.6	5.1
NNE	. 8	1.4	2 • 1	• 2								4.6	6.4
NE	1.1	2.4	1.8	.1								5.4	5.6
ENE	.7	1.1	1.3	. 4								3.6	6.8
E	1.1	2.2	1.2	. 4								5.0	6.0
ESE	1.0	1.2	• 3									2.6	4.0
SE	1.4	. 7	• 2									2.3	3.6
SSE	- 4	1.3	.6	.1								2.4	5.3
5	1.0	1.9	2.4	. 9								6.2	7.1
ssw	1.1	4.8	4.2	3.6	.1							13.8	8.3
sw	. 7	2.9	6.0	2.4	.7							12.7	8.7
WSW	1.1	2.7	4 . 2	1.8	. 4							10.2	8.
w	2.2	2.8	4.0	1.6	. 2							10.8	8.3
WNW	1.2	2.3	1.1	. 2								4.9	5.
NW	.9	2.2	.6	.1								3.8	5.
NHW	1.1	1.9	. 4									3.4	5.
VARB	L												
CALM		><	><	><	><	\geq	><	><	\geq		$\geq \leq$	2.8	
	17.7	33.9	32.1	12.1	1.4							100.0	6.

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	76406	ONTH
		ALL WEATHER	1500-1700
		CLASS	HOURE (L.S.T.)
		COMOITIQM	

	19.3	33.8	32.4	9.9	. 4							100.0	6.
CALM		\geq	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\geq	\times	$\geq \leq$	4 - 1	
VARBL													
NNW	1.9	2.0	.6	• 2								4.7	4.
NW	1.7	1.4	. 4	• 3								3.9	4.
WNW	1.0	1.8	. 8	.7								4.2	6.
w	1.9	3.8	3.0	1.4								10.1	6.
wsw	1.1	3.0	2.2	1.8	• 1							8.2	7.
sw	1.3	2.9	6.0	1.1	• 2							11.6	7.
ssw	1.7	3.0	5.8	1.6								12.0	7.
S	1.4	2.0	4.4	1.1	- 1							9.1	7
SSE	.9	1.2	.6	.2								2.9	5
SE	.1	.7	. 3									1.1	5
ESE	.4	. 8	.6	. 2								2.0	5
E	.7	2.1	1.6	. 2								4.6	6
ENE	. 8	2.0	1.6	.6			1111					4.9	6
NE	1.1	1.7	1.2	• 1								4.1	5
NNE	1.0	3.1	1.8	•1						1		6.0	5
N	2.3	2.3	1.7	.2								6.6	5
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N.	WING

TOTAL NUMBER OF OBSERVATIONS

724240 FT KNOX/GODMAN AAF KY

2

0

0

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

65-70,75-78

	_				ALL WE	ATHER							-2000 (LET.)
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.6	1.6	.6									4.7	3.6
NNE	1.8	1.3	• 3	• 1								3.6	4.2
NE	1.3	2.8	.6									4.7	4 . 5
ENE	1.0	1.8	.7	.1								3.6	4.9
E	1.4	3.1	. 8	•1								5.4	4.6
ESE	• 6	1.9	. 4									2.9	4.7
SE	• 3	.7	• 2									1.2	4 . 8
SSE	.7	1.4	. 4									2.6	4.4
S	2.9	4.3	3.3	• 2								10.8	5,4
ssw	2.7	4.3	2.4	.4								9.9	5.3
sw	3.3	4.6	1.1	. 2	.1							9.3	4.7
wsw	. 9	1.8	1.0	• 2								3.9	5.7
W	1.2	2.1	. 9	• 2								4.4	5.2
WNW	. 8	. 9	1.0	• 2								2.9	6.2
NW	2.7	. 4		.1								3.2	2.1
NNW	2.9	1.1	. 1									4.1	3.5
VARBL													
CALM	><	><	$\geq <$	><	><	$\geq <$		><	\geq	><	\geq	22.9	
	27.0	34.1	13.9	2.0	.1							100.0	3.1

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	NUC
MOITATE	STATION NAME	YEARS	• ONTR
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	3.8	1.2	• 3									5.3	3.0
NNE	2 • 3	1.7										4.0	3.2
NE	. 8	1.9	• 3	• 1	• 1							3.2	5.3
ENE	1.2	. 9	. 4									2.6	4.1
E	1.6	2.2	• 3									4.1	4.0
ESE	1.0	.7	• 1									1.8	3.5
SE	1.4	. 7	• 1									2.2	3.4
SSE	• 9	1.0	• 2									2.1	3.9
S	2.2	3.6	1.3	• 2								7.3	4.9
ssw	2.6	3.8	1.0									7.3	4.4
sw	2.9	3.9	1.2									8.0	4 . 4
wsw	1 - 1	1.0	• 3	• 1								2.6	4.7
W	1.1	. 6	. 4									2.1	4.8
WNW	• 7	• 3	• 3	. 1								1.4	4.8
NW	.6	. 4	.6									1.6	5.1
NNW	1.2	. 2										1.4	2.1
VARBL													
CALM		><	><	><	><	><				\sim	><	42.9	
	25.3	24.0	7.1	.6	• 1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

900

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME WI SPI
N	2.3	1.5	. 8	• 1		.0						4,7	-
NNE	1.5	2.0	. 9	. 2	• 0							4.6	4
NE	1.0	2.1	1.0	• 2	• 0							4.2	9
ENE	1.0	1.7	1.0	.3								4.0	
Ε	1.3	2.3	. 8	• 1								4.5	4
ESE	.8	1.0	• 3	•0								2.3	
SE	.7	• 6	• 2									1.4	1
SSE	.8	1.0	. 3	. 1								2.2	4
S	1.9	2.9	2.1	.6	• 0							7.5	
ssw	2.3	4.2	3.5	1.4	• 0					1		11.3	
sw	2.6	3.7	3.1	. 9	• 2							10.4	(
wsw	1.3	2.1	2.0	.7	. 1							6.2	
w	1.6	2.2	1.7	.6	0							6.1	- {
WNW	.9	1.1	. 5	.2								2.7	
NW	1.0	. 9	• 2	. 1								2.2	
WNM	1.4	1.0	. 2	• 0								2.7	
VARBL													
CALM		><	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq <$	22.9	
	22.4	30.3	18.8	5.2	. 3	.0						100.0	

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODHAN AAF KY 65-70,75-78

STATION STATION AME

ALL WEATHER

COMPLYION

COMPLYION

	24.5	18.3	4.9	. 3								100.0	
CALM	><	\times	><	><	> <	><	\geq	\times	\geq	><	$\geq \leq$	51.9	
VARBL													
NNW	• 3	• 2										.5	
NW	• 5	. 4	• 1									1.1	
WNW	1.3	. 4	• 2									1.9	
w	1.9	. 8	. 4									3.1	
wsw	2.4	1.6	. 4									4.4	
sw	3.5	3.2	• 3	.1								7.2	
ssw	2.2	2.4	• 5									5.1	Ī
3	1.8	1.4	.6									3.9	Ī
SSE	.5	. 1	•1									.8	Г
SE	. 4	• 2		• 1								.8	Г
ESE	1.0	. 4	• 2									1.6	Г
Ε	1.5	1.3										2.8	Г
ENE	1.1	.6	.5									2.3	
NE	1.1	1.0	• 5									2.6	
NNE	2.3	1.6	. 4	•1								4.4	
N	2.7	2.6	. 4									5.7	Г
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GOD			65-70,75		JUL
BTATION		STATION NAME			YEADS	MORTH
			ALL	WEATHER		0300-0
				CLASS		HOURS (L.S.
	_			CONDITION		
						

SPEED (KNTS) DIR.	1 - 3	4 - 6	°7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	M %
И	2.8	1.0	• 2	. 1								4.1	
NNE	2.3	3.0	.9									6.1	
NE	1 . 7	. 8	. 8									3.2	
ENE	. 4	. 6	. 3									1.4	
E	5	. 8	. 2	. 1								1.6	
ESE	.2	. 4										.6	
SE	.2	• 1										.3	
SSE	.6											. 6	
\$	1.1	. 9	. 4									2.4	
ssw	1.8	2.0	. 9									4.7	
sw	3.9	3.2	1.0	.1								8.2	
wsw	2.2	1.9	. 4									4.5	
w	1.7	1.3	1.0									4.0	
WNW	2.0	1.3										3,3	
NW	1.0	• 1										1.1	
NNW	5	.2	.1									. 9	
VARBL													
CALM	><	><	><	><	\times	><		><			> <	52.9	
	23.0	17.6	6.1	• 3								100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

1

2

P30P5

0

0

0

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT	KNOX/GODMAN AAF KY	65-70,75-7	8	JUL
ROITATE		STATION NAME		TEARS	MONTH
			ALL WEATHER		0600-0
			CLASS		HOURS (L S
			CONCITION		

SPEED (XNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	W SP
N	1.1	1.1	• 3									2.5	
NNE	2.0	2.0	.6									4.7	
NE	1.7	2.6	1.2									5.5	
ENE	.9	1.4	1.5									3.8	
E	1.8	2.2	. 4	. 1								4 - 5	
ESE	1.6	. 9	• 1									2.6	
SE	1.0											1.0	
SSE	• 5	. 4										1.0	
5	2.3	1.8	. 4									4.5	
ssw	2.7	3.3	2.5	. 5								9.0	7
sw	5.1	5.6	1.8									12.5	
wsw	2.0	2.5	2.2	. 2								6.9	
w	3.3	2.9	1.4	. 2								7.8	
WNW	1.6	1.7	. 5									3,9	
NW	.9	. 9	. 1	.1								1.9	
NNW	.9		• 1									1.0	
VARBL													
CALM	><	><	><	$\geq <$	$\geq \leq$	><	><	><	><	><	><	27.0	
	29.4	29.2	13.2	1.2								100.0	

TOTAL NUMBER OF OBSERVATIONS

FT KNOX/GODMAN AAF KY

724240 STATION

2

0

0

SURFACE WINE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

65-70,75-78

						LASS						HOURS	(LA
					coi	HOLTION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		M W
N	.9	1.7	1.5	• 2								4.3	
NNE	1.5	1.8	1.7	.1								5.2	
NE	. 4	1.2	1.3	.2								2.8	
ENE	.8	1.7	1.3	.2								4.0	
E	1.4	1.4	1.8	• 1								4.7	
ESE	1.4	. 6	1.0									3.0	
SE	. 5	• 8	• 2									1.5	
SSE	1.2	1.0	. 8									2.9	
5	2.3	1.8	1.2	.2								5.5	
ssw	1.3	3.8	3.2	. 9								9.1	
sw	1.6	3.9	3.7	. 9								10.0	
wsw	2.2	4.1	5.1	1.6								12.9	
w	2.6	4.8	4.9	. 4								12.8	
WNW	2.3	3.2	1.2	• 2								6.9	
NW	. 8	1.7	. 4	.1								3.0	
NNW	1.3	2.2	. 5									4.0	
YARBL													

TOTAL NUMBER OF OBSERVATIONS

2

0

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	TEASS	monto.
		ALL WEATHER	1200-14
		CLASS	HOUSE (L S T.
		CONDITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MI WI SP
N	1.8	2.4	1.1	• 3								5.6	
NNE	1.2	1.4	1.6	. 1	•1					1		4.4	
NE	-8	1.4	1.1	. 2								3.4	
ENE	.2	1.2	2.5	• 1						1		4.0	
E	1.1	1.5	1.9	.2								4.7	
ESE	. 8	• 3	. 8									1.8	
SE	• 3	. 2	.2									.8	
SSE	• 3	1.0	• 3									1.6	
S	1.5	2.8	2.3	.2								6.8	
ssw	1.4	2.7	3.4	1.2								6.7	
54	.8	2.9	4.2	1.3	.1							9.2	
wsw	.9	3.2	5.8	1.6								11.5	•
w	1.1	8.2	5.5	1.1								15.8	
WNW	1.5	2.9	2.7		• 1							7.2	
NW	. 4	2.0	16									3.1	
NNW	2.6	3.4	1.0									7.0	
VARBL													
CALM		><	><	><	><	$\geq <$	><			><	$\geq <$	4.3	
	16.6	37.5	34.9	6.3	. 3							100.0	

TOTAL NUMBER OF OBSERVATIONS

2

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	ROARY	MONTH
		1500-170	
		CLASS	HOURS (L D.T.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEA WIN SPEE
N	2.3	3.4	2.3									8.0	5
NNE	1.2	1.8	1.7	• 3								5.1	6
NE	1.0	1.9	1.5	. 1								4.5	5
ENE	. 4	1.6	1.6									3.7	6
E	.6	2.3	1.8									4.7	5
ESE	• 2	1.2	.6	•1								2.2	6 5 5
SE	-1	. 8	• 3									1.2	5
SSE	• 2	. 5	• 5	.1								1.4	6
5	. 8	2.5	1.8	. 3								5.4	6
ssw	1.3	2.8	3.3	. 9								8.3	6
SW	1.3	4.2	4.6	1.0								11.1	6
wsw	.8	2.7	4.2	1.3								8.9	7
w	2.0	5.5	3.9	.8								12.2	6
WNW	2.5	3.5	1.0	.1								7.1	4
NW	1.9	2.5	1.2	. 3								5.9	5
NNW	2.2	2.6	. 4	. 1								5.3	4
VARBL													
CALM	><	><	><	><	><	><		><		><	> <	5.3	
	18.7	39.8	30.9	5,4								100.0	

TOTAL NUMBER OF OBSERVATIONS

2

0

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SURFACE WIND!

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,7	5-78	JUL
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		1800-201
		CLASS		HOURS (L.B.Y.)
		COMPITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEI
N	4.6	2.2	• 3	.1								7,2	3
NNE	1.2	1.7	. 4									3.3	4
NE	1.1	2.4	. 2									3.7	4
ENE	1.3	. 9	1.3									3.4	4
E	1.3	1.6	.6	.1			• 1					3.8	5
ESE	1.3	1.4	. 4	.2								3.3	4
SE	. 3	. 9	.2									1.4	4
SSE	.5	1.1										1.6	4
5	1.9	2.2	. 5	. 3								4.9	4
ssw	2.3	2.2	1.8									6.2	
sw	2.9	4.1	1.2									8.2	4
wsw	1.3	2.5	1.1	.3								5.2	5
w	2.8	2.5	.3									5.6	3
WNW	3.4	. 9	. 3									4.6	1
NW	3.3	.6	. 3	. 1								4.4	1
NNW	3.1	.5	.2	•1								4.0	1
VARBL													
CALM	><	><	><	><	> <		><	$\geq <$		><	> <	29.1	
	32.7	27.4	9.4	1.3			.1					100.0	

TOTAL NUMBER OF OBSERVATIONS

2

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78		JUL
STATION	STATION NAME		YEARS	-
		ALL WEATHER		2100-230
		CLASS		HOUS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	31 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 36	•	MEAI WINI SPEEI
N	4.2	1.4	. 1									5.7	2
NNE	2.0	1.2	. 1	• 1								3.4	3,
NE	1.1	2.2	. 1									3.3	4 .
ENE	1.1	1.0	. 4									2.5	3.
E	1.8	1.0	. 2	• 1								3.1	3.
ESE	• 9	1.0	.2									2.0	4 .
SE	• 3	. 4										. 8	3,
SSE	.9	1.2	. 2									2.3	4.
S	2.6	1.5	. 3						,			4.4	3.
SSW	2.3	3.0	. 8	. 1								6.1	4.
sw	3.7	2.8	.9	. 1								7.4	3
wsw	.9	1.2	. 3	. 1								2.5	4
w	1.9	. 5	•1									2.6	2
WNW	1.8	. 4	• 2									2.5	3
NW	1.0	• 2										1.2	2
WNM	1.6	• 2										1.8	2
VARBL				1									
CALM	><	><	><	><	> <	><	><	><	><	><	><	48.4	
	28.0	19.1	4.0	.5								100.0	. 1

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	JUL
STATION	STATION NAME	YEASS	PONTE
		ALL WEATHER	ALL
		CLASS	HOUSE (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEA WIN SPEE
N	2.5	2.0	. 8	.1								5.4	4
NNE	1.7	1.8	. 9	. 1	.0							4.6	
NE	1.1	1.7	. 8	-1								3.6	4 5 5 4
ENE	. 8	1.1	1.2	• 0								3.1	5
E	1.3	1.5	. 9	. 1			.0					3.7	5
ESE	.9	. 8	. 4	.0						1		2.2	4
SE	. 4	. 4	• 1	.0						1		1.0	4
SSE	.6	.7	. 2	.0								1.5	4
S	1.8	1.9	1.0	.1								4.7	4
ssw	1.9	2.8	2.1	. 4								7.2	5
sw	2.8	3.7	2.2	. 4	.0							9.2	5
wsw	1.6	2.5	2.4	.6								7.1	6
w	2.2	3.3	2.2	. 3								8.0	5
WNW	2.1	1.8	. 8	.0	.0							4.7	4
NW	1.2	1.1	. 3	. 1								2.7	4
NNW	1.6	1.2	• 3	. D								3.1	3
VARBI													
CALM	><	><	\times	><	\times	> <	><	\geq	\times	><	\geq	28.3	
	24.4	28.1	16.6	2.6	. 0		.0					100.0	3

TOTAL NUMBER OF OBSERVATIONS

7

2

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	AUG
STATION	STATION MARE	YEA 55	MONTO
		ALL WEATHER	0000-020
		CT135	OURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEA WIN SPEE
N	3.3	1.6	1.0									5.9	3.
NNE	1.5	4.7	. 9									7.1	4.
NE	1.0	2.2	.6									3.8	4.
ZNE	1.0	2.3	. 3									3.6	4 ,
E	1.9	• 8	. 4									3.1	3.
ESE	1.0	.4										1.4	3
SE	. 3	• 1	.2									.6	4.
SSE	.2	• 2	.2									.6	5,
5	2.2	1.6	. 4									4.2	3,
SSW	2.3	2.7	1.7	• 2								6.9	5
5W	3.6	3.0	.6	.1								7.3	3
WSW	1.2	. 9	. 3									2.4	4
w	1.1	• 3		.1								1.5	3
WNW	.8	• 1										.9	2
NW	.9	• 3										1.2	3
WNN	.6	. 4	• 1									1.2	3
VARBL						1							
CALM	><	><		\times	\geq		\times	><	>	\sim	><	48.3	
	22.7	21.6	6.9	. 4								100.0	2

TOTAL NUMBER OF OBSERVATIONS

2

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SURFACE WINE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	AUG
RTATIO	Seve collate	TRARR	HOSTS
		ALL WEATHER	0300-0
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		M SI
N	2.5	1.9	• 2									4.6	_
NNE	3.7	3.6	1.1									8.3	
NE	1.5	3.2	• 5	• 1								5.4	
ENE	1.2	1.2	1.0									3.3	
E	1.0	1.1	- 1	• 1								2.3	
ESE	1.1	. 5	• 1									1.7	
SE	• 3	. 2										• 5	
SSE	.6	• 1										. 8	
S	1.6	1.4		•1						1		3.1	
SSW	3.6	3.3	1.1	. 4								8.4	
sw	2.7	2.8	1.4	•2								7.1	
wsw	1.5	1.0	. 3	• 1								2.9	
w	1.1	. 3	.2									1.6	
WNW	. 8	. 3										1.1	
NW	.6	. 4										1.1	
NNW	1.6	. 1										1.7	
VARBL													
CALM		><	><	><	><	><						46.1	
	25.3	21.5	6.0	1.1								100.0	

TOTAL NUMBER OF OBSERVATIONS

2

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SURFACE WINE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT K	NOX/GO	DMAN A				65	-70,75		TEARS				AUG
		_					EATHER						D60	0-0
		-				coı	IDITION				-			
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		8

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×	W SF
И	1.7	1.3	.5									3.5	
NNE	2.9	4.0	1.6									8.5	
NE	2.3	3.4	1.4	.1								7.2	
ENE	1.3	2.6	2.0	• 1								6.0	
E	2.5	1.4	1.0	• 3								5.2	
ESE	1.4	. 3	.1									1.8	
SE	1.1	• 3	. 2									1.6	
SSE	.5	.6	. 2									1.4	
5	2.9	2.0	.5	• 1								5.5	
SSW	2.6	5.9	2.3	• 3								11.1	
sw	4 . D	5.1	1.8	• 1								11.0	
wsw	1.2	1.4	1.5	• 3								4.4	
w	1.3	1.2	1.0	• 1								3.5	
WNW	.6	. 4	. 2									1.3	
NW	.5	. 3	. 5									1.4	
NNW	.8	. 9	• 1									1.7	
VARBL													
CALM	\sim	><	><	><	> <					\sim	> <	24.8	
	27,4	31.2	15.1	1.5								100.0	2 4 8

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION

STATION NAME

ALL WEATHER

CLIANS

GODMAN AAF KY

65-70,75-78

TEABS

AUG

OORTH

PORTS

HOUSE (L.S.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 5\$	≥ 56		W
N	1.7	1.5	. 4	•1								3.8	_
NNE	1.2	2.7	1.6	• 3								5.8	
NE	1.3	1.6	2.6	• 5	. 1							6.1	
ENE	1.5	3.7	2.3	• 3								7.7	
E	2.5	2.6	2.6									7.6	
ESE	1.9	1.9	. 4									4.3	
SE	• 3	• 3	•2									.9	
SSE	• 6	• 5	• 3									1.5	
S	1.5	2.8	1.9	. 4						1		6.7	
SSW	1.0	5.2	4.3	.6	-1							11.2	
sw	1.3	3.3	5.6	.9	. 2							11.3	
wsw	.9	4.1	4.2	1.8								11.0	
w	1.4	2.5	3.4	.9								8.2	
WNW	1.6	1.7	1.0									4.3	
NW	.9	. 4	• 3									1.6	
NNW	1.1	1.3	• 5	•1								3.0	
VARBL													
CALM		\times	><	><	\geq	> <	><	><	> <		$\geq <$	5 • 1	
	20.6	36.1	31.7	6.0	. 4							100.0	

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72424D	FT KNOX/GODMAN AAF KY	65-70,75-78	
STATION	STATION NAME	75.40\$	
	A	LL WEATHER	120
		CLASS	MPUI
		CONDITION	

	16.7	37.4	33.4	8.7	. 4							100.
CALM	><	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	3.
VARBL												
NNW	1.3	2.4	.9									4.
NW	.8	. 8		•1								1.
WNW	1.2	2.3	1.4	• 1								4.
w	1.4	5.3	4.2	1.7								12.
wsw	.6	3.7	5.7	1.7	.2							11.
sw	• 3	2.0	3.8	1.6	.2							8.
ssw	.9	4.1	5.2	.8								10.
\$	2.2	1.8	1.0	• 5								5.
SSE	.5	.6	.8	• 1								2.
SE	•2	• 5	• 2									2.
ESE	1.0	3.2	1.3	• 3								5.
ENE	1.1	1.7	2.2	.6						-		5.
NE	. 9	1.9	2.5	. 3								5.
NNE	1.5	2.4	2.3	. 4								6.
N	2.0	3.8	2.0	.3								8.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GOOMAN AAF KY 65-70,75-78

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	3.4	3.9	2.4	• 1								9,8
NNE	1.3	2.9	2.9	. 9								8.0
NE	.6	2.6	2.8	• 2								6.2
ENE	• 6	1.5	2.0	• 1								4.3
E	1.1	2.3	1.8	• 1								5.3
ESE	• 3	1.1	. 5									1.9
SE	• 2	. 2										. 4
SSE	• 6	. 9			• 1							1.6
3	1.6	2.0	2.6	• 2								6.5
SSW	1.1	2.9	3.9	. 3								8.2
sw	1.4	3.7	3.7	1.3								10.0
wsw	. 4	2.4	3.9	1.2	• 1							8.0
w	1.7	4.2	4.3	. 8	. 1							11.1
WNW	1.9	2.0	.5	•2								4.7
NW	1.5	1.1	.2									2.8
мим	2.6	3.0	.6									6.2
VARBL						-						
CALM	\sim	\times	\times	><	> <	> <	><	\times	><		>	5.1
	20.5	36.6	32.2	5.4	. 3							100.0

TOTAL NUMBER OF OBSERVATIONS

SSW

sw wsw

W WNW

NNW

VARBL

CALM

2

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT	KNOX/GOD					65-	-70,75					Al
STATION		_	POFFATA	NA O I			EATHER			YEARS			1800-
						co	ID:TION						
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
	N	7.7	2.7	• 5	•2								11.2
	NNE	2.7	3.9	1.0			•1						7.6
	NE	1.0	2.2	• 5									3.7
	ENE	1.2	1.1	. 5	• 1								2.9
	E	1.2	1.4	. 4									3.0
	ESE	1.2	1.7	• 3									3.2
	SE	1.0	. 5	• 1									1.6
	SSE	.5	. 3	. 4									1.3
	\$	2.3	3.9	1.0									7.1

3.4 2.4 2.0 2.8 32.9 100.0

3.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1.5

1.1

. 6

.6

.2

2.9

1.5

1.4

. 5

. 5

1.6

1.2

1.5

1.5

2.0

2

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724248 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION

STATION

ALL WEATHER

CLASS

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥56	*
N	4.6	2.7	. 5									7.8
NNE	3.0	4.4	• 1	• 2								7.7
NE	1.4	2.2	. 2									3.8
ENE	1.2	. 9	. 4									2.5
E	1.8	1.6	. 1									3.5
ESE	.4	. 6	• 2									1.3
SE	1.1	.5										1.6
SSE	1.5	. 6										2.2
5	2.2	2.6	1.1									5.8
ssw	1.8	3.5	. 5									5.9
sw	3.7	1.0	. 4									5.1
wsw	.6	. 4	.5									1.6
w	1.3	• 5	•1									1.9
WNW	1.0	.5										1.5
NW	1.4											1.4
NNW	1.0	.5	•2									1.7
VARBL												
CALM		\times	\times	>	X	><	\times	>	> <		><	44.6
	28.0	22,7	4.5	•2	3							100.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

0

2

SURFACE WIL

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF K	Y 65-70,75-78	
STATION	STATION NAME	YE	AMS
		ALL WEATHER	
		CLASS	Nov
		CONDITION	

	23.8	20.	17.4	3.1	.1	.0						100.
CALM	$\geq \leq$	><	\geq	$\geq \leq$	26.							
VARBL												
NNW	1.4	1.1	. 3	•0								2.
NW	1.0	. 4	• 2	.0								1.
WNW	1.2	1.0	. 4	• 0								2.
w	1.3	2.0	1.7	.5	.0							5.
wsw	.9	1.9	2.1	.7	• 0							5.
SW	2.3	3.0	2.3	.5	.1							8.
ssw	1.9	3.8	2.6	.3	.0							8.
5	2.0	2.3	1.1	.2								5.
SSE	•7	.5	• 2	•0	•0							1.
SE	.6	• 3	• 1					-				2.
ESE	1.6	1.8	1.0	•1								4.
ENE	1.1	1.9	1.3	• 2								4.
NE	1.2	2.4	1.4	. 2	•0							5.
NNE	2.2	3.6	1.4	.2		•0						7.
N	3.4	2.4	1.0	.1								6.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	8

TOTAL NUMBER OF OBSERVATIONS

2

0

SURFACE WIL

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION HAVE ALL WEATHER DOOC CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
N	1.9	2.0	.7	-1								4.7
NNE	3.0	4.6	. 4		•1							8.1
NE	2.2	1.8	. 8		• 1							4.9
ENE	1.7	1.1										2.8
E	2.2	2.0	• 2									4.4
ESE	• 9	. 9	.1	.1								2.0
SE	• 7	. 7	•1		• 1							1.6
SSE	.4	• 3	. 1	• 2								1.1
5	1.1	2.4	1.6									5.1
55W	2.3	2.0	1.8									6.1
sw	2.2	2.3	. 4									5.0
wsw	1.2	1.0	• 1									2.3
w	. 8	1.7	. 4									2,9
WNW	. 9	• 3										1.2
NW	1.1	. 4	.1									1.7
NNW	.7	• 3	. 2									1.2
VARBL												
CALM	$\geq <$	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	44.9
	23.3	23.9	7.1	. 4				111				100.0

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 S

STATION STATION NAME

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) OIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
N	2.1	2.0	.6	.1								4.8
NNE	2.2	4.6	. 9	• 2	. 1							8.0
NE	2.0	2.6	. 9									5.4
ENE	1.2	1.9	. 1									3.2
E	2.1	2.2	. 1									4.4
ESE	. 8	. 6	.2									1.6
SE	.3	. 4		.1								. 9
SSE	. 4	.8	• 2	. 3								1.8
5	1.8	1.9	. 9	. 4								5.0
SSW	2.4	3.3	1.7	. 1								7.6
sw	1.4	1.0	.6									3.0
WSW	.9	1.2	. 4									2.6
w	1.4	1.6	. 3	.1								3.4
WNW	1.2	. 8	.1									2.1
NW	. 8	• 3										1.1
NNW	1.3	1.0										2.3
VARBL												
CALM	\sim		>	\times	> <	\times	\times	\times	\times		><	42.8
	22.6	26.1	7.0	1.4	-1							100.0

TOTAL NUMBER OF OBSERVATIONS

724240 STATION FT KNOX/GODMAN AAF KY

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SURFACE WINE

TOTAL NUMBER OF OBSERVATIONS

SEP

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

65-70,75-78

					CON	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
N	2.0	1.8	. 4	• 1								4.
NNE	2.0	3.0	1.3	•1								6.
NE	2.6	4.7	1.2	. 4								8.
ENE	1.8	2.0	1.3									5.
E	2.0	2.6	1.0								1	5.
ESE	2.0	. 9	. 4									3.
58	. 8	• 6	. 4									1.
SSE	.7	. 6	.4	• 2								1.
S	2.3	2.4	2.0	• 6								7.
SSW	2.0	3.7	3.3	.8	• 1							9.
sw	1.9	3.0	1.1		. 1							6.
wsw	1.1	• 7	. 7									2.
w	1.4	1.0	1.1	. 4								4.
WNW	1.3	. 9	. 1	• 1								2.
NW	.6	. 4										1.
NNW	. 9	. 4	. 1									1.
VARBL											2	

2

0

0

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 ETATION	FT KNOX/GODMAN AAF KY	65-70,75-78	SE
		ALL WEATHER	0900-
		CONDITION	
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	.6	1.7	1.6	•1								3.9
NNE	1.0	2.1	1.4	• 6								5.1
NE	1.3	2.0	1.3	• 7								5.3
ENE	. 8	2.9	1.8	• 7								6.1
E	2.0	3.1	2.8	. 6	• 1							8.6
ESE	2.0	1.9	1.1	• 1								5.1
SE	1.4	1.3	.7									3.4
SSE	1.6	1.6	1.2	• 2								4.6
5	2.2	2.7	2.4	1.4	. 2							9.0
ssw	2.2	3.2	3.9	1.9	.2							11.4
sw	. 7	2.6	3.3	1.8	• 1							8.4
wsw	1.2	2.2	3.0	1.4								7.9
w	1.6	3.3	2.1	_ 3								7.3
WNW	1.2	1.3	• 6	.1								3.2
NW	.7	1.2	• 1									2.0
NNW	. 9	1.2	. 8									2.9
VARBL				1								
CALM	><	$\geq <$	$\geq <$	><	$\geq <$	><	><	><	><	><	><	5.7
		34.3	28.1	9.9	•7							100.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM $_{\rm SUL~64}$ 0-8-5 (OL-A) previous editions of this form are obsolete

2

SURFACE WINE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	SEF
STATION	STATION NAME	YEARA	-ONTI
		ALL WEATHER	1200-1
		CLASS	HOURS (L
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	3
N	.8	3.4	2.0	. 3								6.6	_
NNE	1.7	2.7	2.0	. 8								7.1	
NE	.7	. 8	1.7	.6								3.7	
ENE	.7	1.9	2.7	. 3								5.6	
E	. 6	2.1	1.9	. 9								5.4	
ESE	. 7	1.9	.7									3.2	
SE	.7	1.0	1.1									2.8	
SSE	.8	1.2	1.7	. 8								4.4	
5	1.0	2.7	3.6	.6	. 2							8.0	
ssw	1.1	3.4	4.3	1.6	. 2							10.7	-
sw	. 4	2.7	2.7	2.1	. 3							8.2	
wsw	1.0	2.0	1.9	. 8	• 1							5.8	
w	1.8	4.9	3.0	.7								10.3	
WNW	1.2	1.8	2.7	. 2								5.9	
NW	.9	1.1	. 9	• 1								3.0	
NNW	1.8	2.1	1.2	• 1								5.2	_
VARBL													
CALM			$\geq <$	$\geq <$	>	$\geq <$	\times	\times	\times		><	4.1	
	15.7	35.7	33.9	9.8	. 9							100.0	

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	SE
BTATION	STATION NAME	TEARS	NONT
		ALL WEATHER	1500-
		CLASS	HOUSS (L.
		COMPLTION	

NNW	2.4	2.1	. 4	• 1								5.0
NW	2.1	1.2	.4	• 1								3.9
WNW	1.7	2.6	3.8	• 6								10.4
wsw	•6	2.1	1.7	. 3								4.7
sw	1.2	2.1	1.9	.6								5.8
55W	. 9	4.0	2.6	1.0								8.4
S	1.3	3.8	4.0	.7	• 1							9.9
SSE	. 4	.7	1.7	. 4								3.2
SE	.2	1.3	.6									2.1
ESE		1.0	1.3	.1								2.4
E	.4	3.0	2.1	• 2								5.8
ENE	1.3	3.2	2.8	• 0								7.3
NE	.9	2.8	1.9	. 8								5.7
NNE	2.9	2.2	1.3	.1								6.6
(KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75	75-78	SE MONT
2121108	STATION NAME		16.493	- DOM
		ALL WEATHER		1800-
		CLASS		eoves (L
		CONDITION		

CALM												34.1
VARBL												34.9
NNW	3.4	1.4										4.9
NW	2.3	. 4	• 2									3.0
WNW	1.2	. 3	• 1									1.
w	1.7	1.1	• 2									3.0
wsw	. 3	. 8	• 2	•1								1.4
SW	1.9	1.1	1.0	.3								4.
SSW	1.0	2.3	. 9	• 1		-						4.
S	3.1	4 . 3	. 9	•2								8.6
SSE	1.1	1.8	.7	• 1								3.
SE	.9	1.9	. 8									3.6
ESE	.9	1.2	• 2									2.
E	1.0	2.3	.6									3.9
ENE	1.8	1.9	• 1	.2								4.0
NE	1.6	3.4	• 3	. 4								5.1
NNE	2.8	2.8	• 3	.1								6.0
N	2.8	1.1	. 6	. 2								4.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×

TOTAL NUMBER OF OBSERVATIONS

2

0

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72424G	FT KNOX/GODHAN AAF KY	65-70,75-78	S
MOITATE	STATION N.ME	YEARS	•
		ALL WEATHER	2100
		CLASS .	NOUNS
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	1.8	1.7	. 8	• 1								4.3
NNE	2.4	3.2	. 4	• 1								6.2
NE	2.2	2.1	. 2	.2								4.8
ENE	1.6	1.7	• 1	•2								3.6
E	1.8	2.4	.6									4.8
ESE	.7	1.6	. 4									2.7
SE	•6	.6	.7									1.8
SSE		• 7	• 2	.1								1.0
5	2.3	3.6	1.1	.1								7.1
SSW	2.4	1.8	1.1									5.3
54	2.7	1.8	.7	. 2								5.3
wsw	1.2	1.0	. 4	.1								2.8
w	1.7	1.1	.2									3.0
WNW	1.6	• 1										1.7
NW	. 9	. 4										1.3
WNN	1.1	1.4	• 1									2.7
VARBL												
CALM	><	><	><	><	> <	><	><	><	><		> <	41.7
	24.9	25.1	7.1	1.2								100.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\textit{FORM}}{\textit{JUL}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14240 FT	KNOX/GODMAN AAF KY	65-70,75	YEARS	
		ALL WEATHER		
		CLASS		NO
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	1.8	2.0	1.0	. 2								5.0
NNE	2.1	3.1	1.1	• 2	• 0							6.0
NE	1.7	2.5	1.0	. 4	• 0							5.0
ENE	1.3	2.1	1.1	. 2								4.
E	1.5	2.5	1.2	. 2	• 0							5.4
ESE	1.0	1.2	. 6	• 0								2.8
SE	. 7	1.0	. 5	• 0	• 0							2.2
SSE	.7	. 9	. 8	. 3								2.
S	1.9	3.0	2.1	• 5	• 1							7.5
SSW	1.8	3.0	2.4	. 7	• 1							8.0
sw	1.6	2.1	1.5	. 6	. 1							5.1
wsw	. 9	1.4	1.1	. 3	.0							3.
W	1.5	2.4	1.4	. 3								5.0
WNW	1.2	1.0	.6	. 1								2.9
NW	1.2	• 7	. 2	.0								2.1
NNW	1.6	1.3	. 4	.0								3.2
VARBL												
CALM	><	><	$\geq <$	><	><	><	><	><	><	><	><	26.
	22.6	30.1	16.9	4.1	. 3							100.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE V

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FT KNOX/GODMAN AAF KY	65-70,75-78	TEARS
STATION	STATION NAME		164.0
		ALL WEATHER	
		CLASS	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
N	1.7	1.5	• 5									1
NNE	1.5	2.9	. 5	.2								
NE	.6	1.8	. 4									
ENE	.6	1.4	1.0									
E	3.1	2.0	. 4	• 1								
ESE	.8	• 3	. 4									
SE	.2	1.1	. 4	.1								
SSE	. 3	• 3	.6									
\$	1.9	2.5	2.3	. 6								
SSW	.6	1.4	1.4	. 5								
5W	2.4	1.2	1.4	.2								
wsw	1.9	. 8	. 2									
w	3.7	1.8	. 9	. 2								
WNW	1.7	1.3					1					
NW	1.9	. 9	. 4									
NNW	1.3	1.3	.6									
VARBL												
CALM		><	><	><	><	><	><	><			><	
	24.4	22.5	11.6	2.0								1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION

ALL WEATHER

COMBITION

COMBITION

	24.8	23.7	10.5	3.7	- 1							1
CALM			>		>	>	>	>	>	>	>	
VARBL												
иим	1.9	. 9	• 3									1
NW	1.7	. 9	.6									9
WNW	1.7	. 9	. 4									
w	4.3	1.7	• 3	.3								
wsw	2.0	1.2	.6	• 3								
sw	1.7	1.7	1.4	• 3	. 1							1
SSW	1.2	2.7	1.3	• 3								
S	1.8	1.8	1.5	1.8								
SSE	• 3	. 9	. 4	• 2								1
SE	• 2	• 3	• 1									1
ESE	. 9	. 6	• 1									
E	2.3	1.2	. 8	• 1								1
ENE	. 8	1.8	.6									
NE	.6	3.3	•5	•1								1
NNE	1.4	2.4	. 4	•1								1
N	1.9	1.4	1.0									11
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE V

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 RTATION	FT KNOX/GODMAN AAF KY	65-70,75-78	
		ALL WEATHER	
		CLASS	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	
N	1.6	1.2	• 6									
NNE	1.5	1.7	• 5	.1								1
NE	1.3	2.5	.5	.2								
ENE	.9	2.4	1.2	.2								
E	1.8	3.1	1.4									
ESE	1.2	1.2	. 8									
SE	.5	• 3										
SSE	. 4	• 3	.5	. 4								
S	1.2	1.7	3.8	1.2	.1							
SSW	1.3	3.1	2.3	.9								
sw	2.6	3.3	1.1	. 4								
wsw	1.1	1.1	. 5	. 8								
w	2.3	3.0	.6	.2	•1							
WNW	2.5	. 6	. 3	. 2								
NW	1.4	1.0	.6	.1								
NNW	1.6	1.9	. 3									
VARBL												
CALM		><	><	><	><	><	><	><		><	><	
	23.1	28.5	15.2	4.7	.2							1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78						
STATION	STATION NAME		YEARS					
		ALL WEATHER						
		CLASS						
		CONDITION						

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.2	2.6	1.3	• 1							-
NNE	1.0	1.3	1.4	. 6							- 1
NE	• 2	1.0	. 9	.1							- 1
ENE	.8	1.5	1.4	. 4							1
E	2.6	3.5	1.7	.6							
ESE	1.4	2.9	1.3	• 1							
SE	1.0	1.7	• 2								1
SSE	1.5	1.5	.5	. 3	.1						1
5	1.0	2.2	4.2	3.1	.3						-
SSW	1.5	2.6	4.2	2.7							
sw	1.0	3.1	2.2	1.3							
WSW	1.3	2.0	2.6	1.1	.1						
W	1.2	2.8	4.2	1.8	.1						1
WNW	1.0	2.5	1.5	•1							-
NW	1.0	1.2	. 8								
иим	1.2	3.1	. 6								
. VARBL											
CALM		><	><	><	><	><	><	>	>	\times	> <
	18.6	35.5	28.9	12.5	.6						

TOTAL NUMBER OF OBSERVATIONS

2

0

0

SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24240	FT KNOX/GODMAN AAF KY	65-70,75-78	
		ALL WEATHER	
		CLASS	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	.8	2.8	1.4	. 2	• 1							5
NNE	. 8	2.2	1.8	. 8								5
NE	- 4	1.0	. 8	. 2								5 2
ENE	. 8	1.7	. 9	. 1								3
E	2.3	1.8	1.6	. 3								6
ESE	1.2	1.9	. 9	. 4								4
SE	.9	. 8	• 2									1
358	1.0	1.8	1.1	. 6								4
5	1.4	2.4	4.4	3.7	• 2							12
ssw	. 8	1.6	4.3	2.3	. 4							9
sw	. 4	1.9	2.9	1.5								6
wsw	1.1	2.4	3.3	3.1								9
w	.9	3.1	4.5	2.0	. 2							10
WNW	1.4	2.8	2.3	. 8								7
NW	.5	2.0	1.8	. 3								4
NNW	.9	1.3	1.0									3
VARBL												
CALM	><	><	><	><	><	> <	><	><	><	><	><	
	15.3	31.5	33.1	16.3	1.0							10

TOTAL NUMBER OF OBSERVATIONS

2

0

SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	
STATION	STATION NAME	ALL WEATHER	_1
		CONDITION	

	20.3	34.0	29.7	8.2	. 4							10
CALM	><	$\geq \leq$	><	><	$\geq \leq$	><	$\geq \leq$					
VARBL												
HMM	2.0	1.4	. 6									
NW	1.2	2.0	1.6	. 3								
WNW	1.3	3.0	2.2	1.2								
w	2.4	3.1	4.3	1.6								
wsw	1.1	1.5	3.0	. 8								
sw	1.3	2.0	2.0	. 4	. 1							1
ssw	.8	2.0	2.9	1.3								1
S	1.8	4.1	4.3	1.3	. 3							1
SSE	1.3	2.5	1.0	. 5								-
SE	.8	1.2	.3	• •								1
E	1.0	2.4	1.4	•1					-			+-
ENE	.6	1.8	.5	-								-
NE	1.2	1.7	1.0									-
NNE	1.5	1.3	1.7	. 4								
N	1.4	2.3	1.5	.1								11
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	
STATION	STATION MANE	YEAGS	
		ALL WEATHER	18
		CLASE	-

	27.0	26.3	9.5	1.7								100
CALM	><	$\geq <$	$\geq <$	><	$\geq \leq$	\times	$\geq \leq$	\geq	\geq		$\geq \leq$	35
VARBL												
NNW	1.5	1.0	. 4	.1								3
NW	2.3	. 9	.5	. 4								4
WNW	2.3	2.0	.8	.1								5
w	2.0	2.4	1.5									5
wsw	. 8	. 5	• 5	• 1								1
SW	1.8	1.0	•1	.3								3.
ssw	1.4	2.2	.6									4.
5	1.8	3.8	1.4	• 3								3.
SSE	1.5	1.7	.5	•1								3
SE	1.5	1.1	• 5									3.
ESE	1.1	. 9	.4									2
E	1.8	2.8	• 2									4
ENE	.8	1.2	.3									3
NE	1.8	1.7	.1									3
NNE	1.4	1.6	• 5									6.
N	3.2	1.7	. 9	• 2								4
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

T24240 FT KNOX/GODMAN AAF KY

STATION AME

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*
И	1.6	1.5	.6	.1								3.
NNE	1.1	3.1	. 4	. 1								4.
NE	. 4	1.2	• 2									1.
ENE	1.4	1.3	. 9									3.
3	3.4	2.5	. 4	.1								6.
ESE	• 9	• 5	1.1	.2								2.
SE	• 3	. 6	• 5									1.
SSE	.8	. 3	1.1									2.
5	1.2	1.4	1.9	. 5								5.
SSW	1.4	2.2	1.0	.5								5.
SW	1.2	1.8	. 9	.3								4
wsw	1.1	1.0	. 3	. 2								2.
W	3.0	2.0	. 9	. 2								6.
WNW	2.4	1.2	. 4	. 1								4
NW	2.7	1.2	1.0									4
NNW	1.5	. 8	. 5									2
VARBL												
CALM		><	><	><	><	><	><	><	><	\sim	><	38
	24.3	22.6	12.2	2.5								100

TOTAL NUMBER OF OBSERVATIONS

0

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SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN	AAF KY	65-70,	75-78	•
STATION		STATION NAME		TEARS	
			ALL WEATHER		
			CLASS		
			COMPLETION		

	22.2	28.1	18.8	6.5	. 3							100
CALM	$\geq \leq$	><	$\geq \leq$	><	><	$\geq <$	\times	\geq	$\geq \leq$	\times	><	24.
VARBL												
NNW	1.5	1.5	.6	.0								3
NW	1.6	1.2	.9	.1								3
WNW	1.8	1.8	1.0	. 3								4
w	2.5	2.5	2.2	.8	.1							8
wsw	1.3	1.3	1.4	.8	.0							4
sw	1.5	2.0	1.5	.6	.0							5
ssw	1.1	2.2	2.2	1.1	• 1							6
S	1.5	2.5	3.0	1.6	• 1							8
SSE	.9	1.2	.7	. 3	.0							3
SE	.7	. 9	.3	•0								1
ESE	1.0	1.2	. 8	.1								3
ε	2.3	2.4	1.0	.2								5
ENE	.8	1.6	. 8	• 1								3
NE	.8	1.8	.6	• 1								3
NNE	1.3	2.1	. 9	• 3								4
z	1.7	1.9	1.0	•1	•0							4
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{form}}{\text{AA, 64}}$ 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

ALL WEATHER COMMITTION
COMMITTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	1.7	.9	• 7									3,
NNE	1.6	1.6	. 5									3.
NE	1.2	2.3	.6									3.
ENE	1.2	1.0	1.1									3.
E	1.8	1.6	• 7									4.
ESE	.6	• 7	• 3									1
SE	• 7	• 9	• 1									1
SSE	.5	1.7	• 3	• 1								2 7
5	. 8	2.8	2.3	1.9								7
SSW	1.1	2.5	3.5	1.6	. 6							9
sw	2.1	2.6	1.2	. 3								6
wsw	1.1	1.7	1.2	• 3								4
w	2.7	3.0	3.4	1.0	. 3							10
WNW	1.8	1.1	1.6	• 7								5
NW	1.4	1.2	. 2	• 1								2
NNW	1.2	1.2	.6	• 1								3
VARBL												
CALM	><	\times	><	> <	> <	> <	><	> <	\times	><	><	26
	21.5	26.8	18.2	6.2	. 9							100

TOTAL NUMBER OF OBSERVATIONS

0

2

0

(1)

0

SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

PTATION STATION MARE ALL WEATHER

CLASS

CONDITION

		26.5	19.8	7.4	• 2		.1					10
CALM	><	><	><	><	><	><	><	><	><		><	21
VARBL												
NNW	.3	• 2	. 8									1
NW	1.1	. 9	.2	.1								
WNW	1.4	2.6	2.1	.6								
w	2.0	3.6	4 - 1	.6			.1					10
wsw	.9	1.5	.7	.2								
sw	2.1	2.4	1.8	.8								
SSW	1.6	2.1	2.9	3.3	.2							10
5	1.7	1.5	2.1	1.6								
SSE	.9	.8	1.1	.2								
SE	. 5	1.2	• 5									
ESE	. 8	1.1	.5									
E	1.1	2.1	.7									
ENE	.6	1.4	. 7									
NE	1.2	1.4	. 9									
NNE	.7	2.4	• 3									
N	2.0	1.4	• 5	.1								9 1
SPEED (KNTS) OIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	,

TOTAL NUMBER OF OBSERVATIONS

USAFETAC PORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

724240	FT	KNOX/GODMAN AAF KY	65-70,75-78		
STATION		STATION HAME		YEA 08	
			ALL WEATHER		-
			CLASS		_

	21.1	26.9	21.8	9.2	3							10
CALM	><	$\geq <$	$\geq <$	><	$\geq \leq$	$\geq <$	\geq	$\geq \leq$	\geq		$\geq \leq$	2
VARBL												
NNW	1.2	. 2	• 7									
NW	1.0	. 8	. 4									
WNW	2.1	2.5	1.6	1.0								
w	3.3	3.6	3.9	1.2	• 1							
wsw	• 3	1.3	1.1	1.6								
SW	1.5	2.1	1.6	.4								
ssw	2.4	3.0	3.9	2.6								
S	1.2	2.5	2.4	1.8	.2							
SSE	.8	1.1	1.1	• 3								
SE	• 3	.6	• 3									
ESE	.6	.8	. 4	.1								
E	1.5	2.8	.8									1
ENE	1.1	1 7	1.1	• 1								
NE	1.1	1.8	1.0									1
NNE	1.5	1.0	.9									
N	1.2	1.0	. 4									
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JU, 64}}$ 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE V

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78 ALL WEATHER CONDITION

	13.8	25.8	33.3	17.7	2.0	- 1						1
CALM		><	><	><	><	><	><	><	><	\rightarrow	> <	
VARBL												
NNW	.9	.7	.7									
NW	•2	1.3	1.7	. 4	.1							1
WNW	.6	2.1	2.9	1.6	.1							
w	1.5	3.6	5.4	4.6	.2							
wsw	.8	2.1	1.6	2.0	• 3							
sw	• 2	1.1	3.4	1.5	.2							
SSW	.7	3.6	5.3	3.6	• 3	•1						
5	1.6	2.0	3.8	2.6	.6							
SSE	.3	• 3	.6	• 3	• 1			-				
SE	.6	• 2	• 1									
ESE	1.6	1.1	1.6									
E	2.2	2.6	1.9	.1								
ENE	.8	1.5	2.0	. 4								1
NE	.4	1.0	1.0	•1								
NNE	.6	1.5	1.0	.4								1
N	.9	1.0	. 4									
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	

TOTAL NUMBER OF OBSERVATIONS

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0

SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TZ 4 2 4 D FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION NAME

ALL WEATHER

CUASS

CONDITION

	12.7	24.7	34.2	21.6	2.0	2						1
CALM		$\geq <$	$\geq \leq$	$\geq <$	><	$\geq \leq$						
VARBL												
иим	.6	1.0	.6									
NW	. 8	1.2	1.5	. 3								
WNW	1.1	1.8	3.7	2.2								
w	- 8	3.3	6.5	5.3	. 4							
wsw	1.6	1.9	3.1	3.6	.6							
sw	• 6	1.2	3.4	4.2	• 2	- 1						
SSW	• 3	2.2	3.6	2.8	. 4							T
5	.7	2.4	4.0	2.4	.2	- 1						
SSE	. 4	. 3	. 9	. 2								
SE	.6	. 9	.3									
ESE	.8	1.6	.9	• 1						1		
E	1.3	1.8	2.0	.1								
ENE	1.0	1.9	1.5									
NE	.7	.6	. 9									1
NNE	1.0	1.2	.7	.2	-							1)
N	. 4	1.3	• 6	• 1	•1							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUC-64}}$ 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U) JUL 62 USAFETAC/DS-82/042 UNCLASSIFIED SBI-AD-E850 201 NL 2 of 6

AD-A118 462



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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	NOV
RTATION	STATION HAME	YEARS	монум
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	2.1	2.1	. 4									4.7	4.1
NNE	1.0	1.7	1.5									4.2	5.4
NE	.7	. 9	• 2	• 1								1.9	4.9
ENE	• 3	1.6	1.5	• 1								3.5	6.4
E	1.1	1.5	1.1	. 1								3.8	5.5
ESE	. 2	1.6	.7									2.5	5.4
SE	.6	1.2										1.8	4.2
SSE	1.0	1.6	1.1									3.7	5.2
S	1.6	3.4	2.9	2.2	• 3							10.4	7.6
55W	.6	2.7	3.6	2.8	• 1							9.8	8.6
sw	.9	2.5	1.8	1.7	. 4							7.3	8.3
wsw	.2	1.8	2.0	2.0	• 2							6.3	9.2
w	1.8	4.8	6.3	3.8	.6							17.3	8.3
WNW	2.4	2.0	2.4	1.2								8.0	6.4
NW	.8	1.5	1.0	.4								3.7	6.3
NNW	1.6	1.2	• 3									3.1	3.8
VARBL													
CALM	><	\times	\times	\times	><	> <	\geq	\times	\geq		$\geq \leq$	8.0	
	16.9	32.0	26.9	14.6	1.7							100.0	6.5

TOTAL NUMBER OF DESERVATIONS 890

0

2

03075

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-78 NOV	65-70	FT KNOX/GODHAN AAF KY	724240
YEARS MONTO		STATION HAME	RTATION
1800-2000	ALL WEATHER		
HOURS (L.R.Y.)	CLASS		

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 54		MEAN WIND SPEED
N	1.8	1.2	• 2									3.2	3.5
NNE	3.0	1.9	. 4	.1								5.5	3.7
NE	1.0	1.0	. 8	•1								2.9	5.1
ENE	1.1	. 8	. 4									2.4	4.3
E	1.2	2.0	1.1	.2								4.6	5.4
ESE	. 8	1.1	. 4	. 1								2.5	5.1
SE	1.1	1.2	• 3	.1								2.8	4.7
SSE	.7	1.2	.4	.2	.1							2.7	6.1
5	2.2	3.0	3.0	1.5	.6							10.3	7.4
SSW	1.2	2.6	2.0	1.3								7.2	7.1
sw	1.5	2.8	1.0	• 2	.2							5.7	5.8
wsw	.8	1.2	1.0	.6	. 2							3.8	7.5
w	3.7	3.0	3.7	.3								10.8	5.5
WNW	1.8	2.4	1.6	1.0	.2							6.9	6.3
NW	1.6	1.5	.6	.6								4.1	5.3
NNW	.9	1.6	• 1	.1								2.7	4.6
VARBL					11								
CALM	><	><	\times	><	> <	> <	><	><	><	\sim	> <	21.9	
	24.4	28.6	17.2	6.5	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 893

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 -	FT KNOX/GOOMAN AAF KY	65-70,75	-78	NOV
STATION	STATION HADE		YSARS	90979
		ALL WEATHER		2100-2300
		CLASS		BOURS (L.R.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.7	1.5	.6									3.7	4.3
NNE	1.5	1.4	• 5									3.3	4.0
NE	.9	1.5	1.2									3.6	5.4
ENE	. 9	1.8	.3									3.0	4.4
E	1.2	2.5	.6									4.3	4.7
ESE	• 9	1.4	• 2									2.5	3.9
SE	.6	.7	.2	•1								1.6	4.6
SSE	.6	. 6	. 8	.3		•1						2.4	7.8
S	• 7	2.8	2.9	1.7	•2							8.3	8.1
ssw	1.2	2.4	1.8	1.7	. 3							7.4	7.7
sw	1.4	3.9	2.1	1.2								8.7	6.6
wsw	.9	1.2	1.0	.3	.1	• 1						3.7	7.3
w	1.8	3.2	2.9	. 8								8.7	6.3
WNW	2.1	2.0	1.2	•7		1)						6.1	5.6
NW	1.1	1.5	• 5	• 5								3.5	5.7
NNW	1.4	1.4	.7	•1								3.5	5.0
VARBL													
CALM	><	\times	\sim	> <	25.8								
	18.8	29.5	17.6	7.4	. 7	•2						100.0	9.5

TOTAL NUMBER OF OSSERVATIONS

2

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70.75-78	NOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.5	1.3	.5	•0	•0					1		3,3	4.3
NNE	1.3	1.6	. 7	.1								3.7	4.6
NE	. 9	1.3	. 8	.0								3.1	5.1
ENE	.9	1.4	1.1	.1								3.5	5.5
E	1.4	2.1	1.1	• 1								4.7	4.5
ESE	. 8	1.2	• 6	.0								2.6	5.0
SE	. 6	. 9	• 2	.0								1.8	4.5
SSE	.6	1.0	. 8	. 2	•0	.0						2.7	6.3
5	1.3	2.5	2.9	2.0	• 3	•0						9.0	7.9
ssw	1.1	2.6	3.3	2.5	• 3	.0						9.8	8.3
sw	1.3	2.3	2.0	1.3	• 1	.0						7.1	7.3
wsw	.8	1.6	1.5	1.3	• 2	.0						5.4	8.0
w	2.2	3.5	4.5	2.2	. 2		•0					12.7	7.4
WNW	1.7	2.1	2.1	1.1	•0							7.0	6.7
NW	1.0	1.2	. 8	• 3	• 0							3.3	5.7
NNW	1.0	. 9	• 5	.0								2.5	4.7
VARBL													
CALM	><	\times	\times	\times	\times	> <	\times	\times	\times	><	><	17.7	
	18.5	27.6	23.6	11.3	1.2	•1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7117

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	HARY	BONYN
		ALL WEATHER	0000-0200
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.0	1.8	1.5	- 3								4.5	5.5
NNE	• 3	. 6	.6									1.5	5.9
NE	. 4	1.6	. 5	. 4								2.9	6.
ENE	.6	2.4	. 1	•1								3.3	4 . 5
E	1.1	2.5	1.6	. 8								6.0	6.5
ESE	1.3	1.1	1.4	. 1								3.9	5.5
SE	- 3	. 4	. 3									.9	4.6
SSE	. 8	. 4		. 4								1.5	5.
S	. 9	1.4	4.5	2.1	. 1							9.0	8 . 6
ssw	. 9	2.6	3.3	1.8	. 4							8.9	8.3
sw	2.0	2.3	2.4	.8								7.4	6.
wsw	1.0	1.9	1.3	1.0	. 3							5.4	7.
w	1.6	3.3	3.0	2.4	. 3							10.5	7.
WNW	1.3	2.1	2.9	. 4								6.6	6,5
NW	1.5	1.5	1.1									4.1	4 . 8
NNW	1.3	. 8	.5									2.5	4.4
VARBL													
CALM	><	><	><	><	><	><	><			><	> <	21.0	
	16.1	26.6	25.0	10.4	1.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 797

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC		
STATION	STATION NAME	YEARS	POSTN		
•		ALL WEATHER	0300-0500		
		CLASS	HOURS (L.S.T.)		
		2004			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	2.6	1.0									5.0	4,
NNE	.8	• 5	. 8	. 1								2.1	5.
NE	.9	1.8	. 8	. 4								3.8	5.
ENE	. 4	2.0	. 4	.1								2.9	5.
E	1.0	2.4	2.1	. 8								6.3	6.
ESE	. 9	• 5	. 6	. 4								2.4	6.
SE	. 8	• 6	• 3									1.6	4.
SSE	. 8	. 4	• 3		• 1							1.5	5.
S	1.8	1.5	3.3	2.3								8.8	7.
ssw	2.3	4 . 3	3.5	3.4	. 3							13.7	7.
sw	1.6	2.1	1.1	1.6								6.5	6.
wsw	.5	1.3	. 8	. 8	. 4							3.6	8.
w	1.4	3.5	2.4	2.0	. 4							9.7	7,
WNW	1.3	2.4	2.1	. 9								6.7	6.
NW	1.4	2.0	. 8									4.2	4.
NNW	1.4	1.5	• 3									3.1	_ 3.
VARBL													
CALM	><	><	><	><	><	><	><	><	><	><	><	18.0	l.
	18.4	29.4	20.4	12.7	1.1							100.0	5.

TOTAL NUMBER OF OBSERVATIONS

795

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	OEC
RYAYION	STATION NAME	TEARS	●ON TH
		ALL WEATHER	0600-0800
		CLASS	HOUSE (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	31 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.8	1.6	.8	•1								4.3	4 . 6
NNE	.7	1.8	.9									3.4	5.4
NE	1.0	1.6	.8	•1								3.5	5.2
ENE	1.0	1.6	.7									3.3	4.
E	1.9	3.2	1.8	•2								7.2	5.3
ESE	.7	1.3	. 8	.2								3.0	5.4
SE	•2	1.0	.1	.1								1.5	4.5
SSE	•6	1.3	.6	• 2								2.6	5.6
5	2.6	2.2	2.9	2.6								10.3	7.4
SSW	1.7	4.1	4.3	2.4	.1	•1						12.8	7.8
sw	1.4	2.2	2.1	1.3	•1	•1						7.1	7.2
wsw	.8	1.4	1.3	1.0								4.5	7.4
w	1.7	3.1	2.6	1.9	.2							9.6	7.6
WNW	1.6	2.6	2.1	1.1								7.4	6.8
NW	.6	.8	• 3	.1								1.8	4.5
NNW	.6	.6	•2									1.4	4.8
VARBL													
CALM	><	><	>	>	\times	><	\times	\times	X		><	16.1	
	19.0	30.3	22.3	11.6	.5	• 2						100.0	5.

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC $_{\rm JUL~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are obsolete

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GOOMAN AAF KY	65-70,75-78	DEC
STATION	STATION MARK	ALL WEATHER	0900-1100
		CORSITION	noves (L.S.1.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 9	1.9	1.1	• 3								4.2	5.8
NNE	. 4	2.1	. 4	.2								3.2	5.4
NE	• 5	. 7	. 4	.7								2.3	7.3
ENE	• 5	2.0	1.0	•1								3.6	5.7
E	1.3	3.7	2.0									7.0	5.5
ESE	1.3	3.2	1.2	•1								5.8	5.2
SE	.8	1.1	.3									2.2	4.4
SSE	• 2	1.1	1.1	. 4								2.9	7.5
5	. 4	2.6	4.1	2.1	. 8							10.0	9.3
ssw	1.1	2.6	6.1	3.5	. 3							13.7	8.9
sw	• 3	1.2	3.6	3.0	. 3	.1						8.6	10.0
wsw	. 8	1.3	3.7	1.4	. 4	• 2	.1					8.0	9.6
w	1.5	3.1	4.4	2.9	. 4							12.3	8.3
WNW	1.0	2.0	1.3	1.6	.1							6.0	7.5
NW	. 4	. 8	1.0	.1								2.3	6.6
NNW	.5	1.2	1.1									2.9	5,9
VARBL													
CALM	><	><	><	><	><	> <		><	><		><	5.2	
	12.2	30.5	32.9	16.4	2.4	.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 912

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	YEAOS	DONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.R.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*	MEAN WIND SPEED
н	.9	1.5	1.4	• 2								4.1	6.
NNE	.5	1.3	1.1	• 1								3.1	6.
NE	.4	. 9	1.1	• 1								2.5	6.
ENE	.7	1.4	.5	• 1								2.7	5.
E	1.5	2.9	1.4	.3								6.1	5.
ESE	• 9	1.5	1.0	. 3								3.7	5.
SE	.3	. 9	• 3	.1								1.6	5.
SSE	• 8	1.0	1.2	. 3								3.3	6.
S	• 5	3.1	3.0	3.0	. 4			5				10.0	9.
SSW	• 3	1.6	4.9	4.8	1.0							12.7	10.
sw	• 5	1.6	2.7	3.6	• 5							9.1	10.
WSW	•2	1.6	3.7	3.2	. 5	.2						9.5	10.
w	1.3	2.0	7.2	3.8	1.0	. 3						15.7	9,
WNW	. 9	1.4	3.2	2.2	. 2							7.9	9.
NW	- 4	. 5	1.0									2.0	6.
NNW	• 4	1.5	. 9	• 1								3.0	5.
VARBL													
CALM		><	><	><	><	><	><	><		><	$\geq <$	3.0	
	10.7	24.9	34.8	22.4	3.7	.5						100.0	8.

TOTAL NUMBER OF OBSERVATIONS 912

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION NAME	YGARS	e0e14
		ALL WEATHER	1500-1700
		CLASS	90098 (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.2	2.7	1.2	•1								5.3	5.2
NNE	• 3	. 9	. 8	.1	. 1							2.2	6.8
NE	• 2	1.0	. 4	• 2								1.9	6.1
ENE	. 7	1.1	1.5	• 1								3.4	5.9
8	1.3	2.2	1.3	•2								5.0	5.5
ESE	. 5	1.6	.7		. 1							3.0	5 . 8
SE	• 2	.9	.3	.1								1.5	5.8
SSE	.8	2.1	1.0	• 2								4.1	5.4
S	1.6	4.1	2.9	3.5	.3							12.4	8.2
ssw	1.1	2.6	3.8	4.2	.1							11.9	9.0
sw	. 3	1.6	2.9	2.3	.1							7.2	9.3
wsw	.9	1.8	2.3	1.6	. 4	.1						7.1	9.1
w	1.3	2.9	5.4	4.2	.1							13.8	8.6
WNW	1.5	2.0	3.4	1.6	.1							8.7	7.6
NW	. 4	1.0	1.2	.7								3.3	7.6
NNW	1.1	1.3	.9									3.3	5.0
VARBL													
CALM	><	\times	><	\times	><	> <	><	X	X		> <	5.9	
	13.6	29.7	30.0	19.2	1.4	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 911

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0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FFOM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-78	DEC
STATION	STATION HAME	TEASS	NONTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.3	. 9	• 1								3.4	5.0
NNE	.6	1.0	1.3	. 4								3.3	6.7
NE	. 8	1.9	. 8	• 1								3.5	5.1
ENE	• 9	1.5	1.0	.1								3.5	5.6
ε	1.8	2.5	2.3	. 3								6.8	5.7
ESE	1.5	1.9	• 1							1		3.5	4.0
SE	1.1	1.6	• 1									2.9	3.8
SSE	1.4	1.3	. 3	• 1	• 3							3.3	5.5
5	2.4	3.5	2.6	3.0		. 1						11.6	7.5
ssw	2.0	3.1	3.3	. 9	• 1							9.4	6.5
sw	1.9	1.3	1.4	. 6		.1						5.3	6.3
wsw	- 6	1.0	. 9	1.4	• 3							4.1	9.0
w	2.1	4.0	2.5	. 9	. 4							9.9	6.6
WNW	1.6	2.1	3.1	. 9	• 3							8.0	7.3
NW	. 8	1.1	1.1									3.0	5.6
иим	1.6	1.0	. 6									3.3	4.1
VARBL				1									
CALM	><	><	\times	><	><	\times	\times		\sim	\searrow	> <	15.4	
	22.2	30.0	22.2	8.8	1.3	, 3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 799

2

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75	-78	DEC
2121104	RIGHTON CAME	ALL WEATHER		2100-2300
		CURP CALLER		HOURR (L E T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.9	1.5	1.5									4.9	4.6
NNE	• 5	• 5	1.3	• 3								2.5	6 . 9
NE	. 4	1.3	. 9	• 1								2.7	6.1
ENE	• 1	2.3	• 5	.1								3.0	5.8
E	1.3	2.5	2.0	. 9								6.7	6.3
ESE	. 9	1.6	.5			• 1				1		3.2	5 . 5
SE	. 6	• 5	. 1	.1								1.4	4 . 8
SSE	.6	. 3	1.0		. 4							2.3	8.0
S	1.0	2.9	3.8	2.4	. 3							10.4	8.2
ssw	1.1	3.2	3.4	1.6								9.4	7.4
SW	1.3	1.5	1.1	. 9	• 3							5.1	7.2
wsw	. 6	1.5	1.6	. 9	. 3	•1						5.1	8.6
w	1.1	2.9	1.8	1.5	. 4							7.7	7.6
WNW	1.5	2.5	2.7	. 4								7.1	6.3
NW	1.5	1.3	1.5	.1						1		4.4	5.4
NNW	1.5	1.8	.6									3.9	4.5
VARBL		1											
CALM			><	><	\times	\times	> <		X		>	20.2	
	16.1	28.1	24.5	9.4	1.5	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 789

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION NAME ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	1.9	1.2	• 1								4.5	5.3
NNE	• 5	1 • 1	.9	• 1	• 0							2.7	6.1
NE	.6	1.3	• 7	• 3								2.9	5.9
ENE	.6	1.8	.7	• 1								3.2	5.3
Ε	1.4	2.8	1.8	. 4								6.4	5.8
ESE	1.0	1.6	. 8	•1	• 0	•0						3.6	5.4
SE	.5	. 9	• 2	• 1								1.7	4.7
SSE	•7	1.0	.7	• 2	• 1							2.7	6.1
S	1.4	2.7	3.4	2.6	. 3	•0						10.3	8.3
ssw	1.3	3.0	4.1	2.9	. 3	•0						11.6	8.5
sw	1.1	1.7	2.2	1.8	. 2	.0						7.1	8.1
wsw	.7	1.5	2.0	. 1.4	. 3	•1	.0					6.0	9.1
w	1.5	3.1	3.8	2.5	4	.0						11.3	8.2
WNW	1.3	2.1	2.6	1.2	.1							7.3	7.3
NW	.9	1.1	1.0	•1								3.1	5.7
NNW	1.0	1.2	.6	•0								2.9	4.8
VARBL													
CALM	><	\times	$\geq <$	><	><	> <	\geq	><	><	><	><	12.7	
	15.9	28.7		14.1	1.6	•2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6789

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,75-79	ALL
STATION	STATION NAME	YEARS	NAME
		ALL WEATHER	ALL
		CLASS	HOUSE (L.S.T.)
		CANELLON	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.8	1.8	1.0	• 2	• 0	.0						4.8	4.9
NNE	1.3	2.0	1.2	. 3	• 0	• 0						4.8	5.5
NE	. 9	1.8	1.1	. 2	• 0							4.0	5.6
ENE	. 8	1.7	1.3	. 3	•0							4.1	6.0
E	1.4	2.3	1.5	. 3	0	.0	• 0					5.5	5.6
ESE	.9	1.1	.6	.1	.0	.0						2.8	5.1
SE	.5	. 7	• 3	.1	.0							1.7	5.1
SSE	.7	. 9	.7	• 3	• 0	.0						2.5	6.2
S	1.5	2.4	2.4	1.4	.2	•0						7.8	7.3
SSW	1.4	2.8	3.0	1.7	.2	•0	.0					9.1	7.7
sw	1.6	2.4	2.1	1.1	•1	•0	.0					7.3	6.9
wsw	1.0	1.6	1.9	1.1	.2	.0	.0	.0				5.7	7.8
w	1.7	2.8	3.0	1.6	. 3	.0	.0					9.4	7.5
WNW	1.4	1.6	1.6	.7	•0	•0	.0					5.3	6.5
NW	1.1	1.1	.8	.2	.0							3.1	5.2
NNW	1.2	1.3	.6	.0	.0							3.1	4.6
VARBL													100, 10
CALM	><	\times	\times	><	><	><	><	\times	\times	><	> <	19.1	
	19.0	28.2	22.8	9.5	1.1	• 2	•0	•0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 85965

2

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724243 FT KNOX/GODMAN AAF KY 65-70,75-79

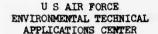
STATION

STATIO

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
И	1.8	2.7	2.4	• 5	.0							7.5	6.0
NNE	.7	2.1	2.2	. 8	. 1	•0						5.9	7.3
NE	. 8	1.9	2.1	.6								5.5	6.9
ENE	.7	1.8	2.0	.6	• 0							5.1	7.0
E	1.1	2.7	2.3	.6	• 0	•0						6.8	6.5
ESE	. 8	1.5	1.0	• 2			البلنياح					3.4	5 . 8
SE	• 5	.6	• 3	• 1	• 0							1.5	5.6
SSE	• 5	. 8	.6	.2	• 0	•0						2.1	6.7
S	1.0	1.4	2.0	1.4	.1	.1						5.9	8.1
ssw	.8	1.5	2.0	1.2	• 1							5.6	7.9
sw	• 7	1.9	1.7	.9	• 0	•0						5.3	7.4
wsw	.7	1.7	1.8	1.0	. 2	.1	• 0	•0				5.5	8.5
w	1.5	3.5	4.1	2.4	• 5	.1						12.1	8.1
WNW	1.6	2.2	2.7	1.1	•1	.0						7.6	7.0
NW	1.3	1.9	1.3	. 4								4.9	5.7
NNW	1.4	2.3	1.2	• 0	.0							5.0	5.1
VARBL			-										
CALM	><	\times	> <	><	><	><	><	><	><	><	$\geq <$	10.3	
	15.8	30.4	29.8	12.1	1.3	. 4	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 9747



PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	•≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING		~		~		1							_		~	
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table: Visibility \geq 3 miles = 95.4%. Visibility \geq 2 miles = 96.9%. Visibility \geq 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CEILING VERSUS VISIBILITY

724240 STATION

FT KNOX/GODMAN AAF KY

65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BLITY ST	ATUTE MIL	ES						
(FEE:)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⊬;	≥ 5/16	≥ ¼	≥0
O CEILING	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.
≥ 20000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.
≥ 18000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.
≥ 16000	17.8	45.6	46.0	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.4	47.
≥ 14000	18.0	45.8	46.2	46.7	46.9	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.
≥ 12000	18.2	46.6	47.0	47.5	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.4	48.
≥ 10000	18.4	48.1	48.6	49.0	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.9	50 .
≥ 9000	18.7	48.9	49.4	49.8	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.7	51.
≥ 8000	19.3	49.9	50 . 4	51.0	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.9	52.
≥ 7000	19.9	51.4	51.9	52.4	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.
≥ 6000	20.2	54.2	54.8	55.4	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.
≥ 5000	21.1	56.0	56.7	57.5	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.5	58.
≥ 4500	21.2	56.5	57.1	57.9	58.2	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.
≥ 4000	21.9	58.5	59.4	60.3	60.6	60.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.
≥ 3500	22.5	60.5	61.6	62.9	63.2	63.3	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	64.1	64.
≥ 3000	22.1	61.8	63.5	64.8	65.2	65.3	65.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.
≥ 2500	22.7	65.0	67.0	68.4	68.8	69.0	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.
≥ 2000	22.8	67.8	70.4	71.9	73.1	73.3	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.
≥ 1800	22.8	69.4	72.2	74.1	75.3			76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.8	77.
≥ 1500	23.1	72.3	75.4	77.8	79.2	79.5	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.8	81.
≥ 1200	23.1	74.1	77.9	80.5	82.3	82.6	82.9	83.4	83.7		84.0			84.0	84.3	
≥ 1000	23.1	74.9	78.8	81.9	83.8	84.2	85.0	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.3	86.
≥ 900	23.1	75.0	79.1	82.6	84.6	85.1	86.2	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.7	87.
≥ 800	23.1	75.4	79.7	83.3	85.5	1	87.4	88.D	88.6	88.7	88.8	88.8	88.8	88.8	89.1	89.
≥ 700	23.1	75.9	80.5	84.3	86.5	87.1	88.9	89.6	_	90.2	90.3	90.3		90.3	90.7	
≥ 600	23.1	76.1	80.7	84.5	86.9	87.5	89.6	90.9	91.5	91.7	91.9		91.9		92.3	92.
≥ 500	23.1	76.3	81.0	85.4	88.0	88.7	90.7			92.8					93.4	93.
≥ 400	23.1	76.3	81.0	85.5	88.4	74	91.2			94.6			P 2 1	94.9	95.4	95.
≥ 300	23.1	76.4	81.1	85.6	88.7	89.5			95.1		96.4		96.5	96.5	97.0	97.
≥ 200	23.1	76.4	81.1	85.6	88.7		92.1		95.5			97.3				
≥ 100	23.1	76.4	81.1	85.6	88.7		92.1		95.5		97.1				98.7	
≥ 0	23.1	76.4					92.1	100		96.5			97.9			

TOTAL NUMBER OF OBSERVATIONS _

891

USAF ETAC JUL 44 0-14-5 (OL A) POEVIOUS EDITIONS DE THIS POSM ARE SOSOLETE

CEILING VERSUS VISIBILITY

FT KNOX/GODMAN AAF KY

65-70,76-79

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEUNG							VIS	BILITY ST	ATUTE MILI	E S						
(FEETs	≥10	≥ 6	≥5	24	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ 4	≥0
NO CEIUNG	14.0	41.6	42.2	42.6	42.8		43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.5
≥ 18000	14.0	42.1	-				43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.8	44.C
≥ 16000	14.0	42.1	42.6	43.1	43.2	43.2	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.8	44.0
≥ 14000 ≥ 12000	14.4	42.4	43.0	43.4	43.5		43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.3
	14.5	43.1	43.7	44.1	44.2	44.2	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.8	45.0
≥ 10000 ≥ 9000	14.9	44.8	45.5	45.9	46.5		46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.6	46.8
> 8000	15.6	47.3	47.9	46.4	48.5	-	46.8	46.8	48.8	46.8	48.9	46.9	46.9	46.9	47.0	47.3
≥ 7000	15.8	48.5	49.2	49.6		49.7	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.5
≥ 6000	15.9	49.9	50.6	51.1	51.3	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	52.0	52.2
≥ 5000	16.7	52.7	53.5	54.0	54.3	54.3	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.2
≥ 4500	16.7	53.8	54.5	55.1	55.4	55.4	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.1	56.3
≥ 4000	17.2	55.8	56.7	57.5	58.2	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	59.0	59.3
≥ 3500	17.2	57.8	58.9	59.8	60.6	60.7	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.4	61.6
≥ 3000	17.3	59.5	61.1	62.1	63.3	63.4	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.8
≥ 2500 ≥ 2000	17.9	61.3	63.8	64.0	65.2		65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.6	66.8
	18.0	63.7	65.5	66.9	68.5		69.2	69.7	69.8	69.9	70.0	70.0	70.0	70.0		70.5
≥ 1800	18.0	64.6	66.6	67.9	69.5		70.3	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.3	71.5
≥ 1200	18.1	68.6	71.0	72.8	74.5	74.7	75.8	76.2	76.3	76.7	76.9	76.9	76.9	76.9	77.1	77.3
≥ 1000	19.1	70.5	73.4	78.1	77.3	80.6	78.9	79.6	79.7	80.0	80.2	80.2	80.2	80.2	80.5	80.7
≥ 900	18	73.5	77.0	79.7	82.2		84.6	85.3	85.4	85.9	86.2	86.2	86.2	86.2	86.6	86.9
≥ 800	18.1	74.2	77.7	80.4	83.1	83.7	85.6	86.5	86.6	87.1	87.4	87.4	87.4	87.4	87.9	88.1
≥ 700	18.1	74.9	78.5	81.1	84.2		87.0	88.0	88.1	88.6	88.9	88.9	88.9	88.9	89.3	89.6
≥ 600	18.1	75.2	78.8	81.6	85.1	86.1	88.2	89.8	90.0	90.6	90.9	90.9	90.9	90.9	91.4	91.6
≥ 500	18.1	75.2	79.2	82.2	85.9	87.1	89.9	91.7	92.1	92.7	93.4	93.4	93.4	93.4	93.8	94.1
≥ 400	18.1	75.2	79.2	82.2	86.1	87.3	90.5	92.8	93.3	93.9	94.6	94.6	94.6	94.8	95.3	95.5
≥ 300	18.1	75.4	79.5	82.4	86.6	87.9	91.0	93.4	94.1	94.8	95.8	96.0	96.1	96.3		
≥ 200	18.1	75.4	79.5	82.4	86.6		91.1	93.5	94.2	95.1	96.3	96.6		97.0		
≥ 100 ≥ 0	18.1	75.4	79.5		86.6	87.9	91.1	93.5		95.1	96.3		97.1	97.3		
= 0	18.1	75.4	79.5	82.4	86.6	87.9	91.1	93.5	94.2	95.1	96.3	96.6	97.1	97.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS ___

891

USAF ETAC PORM 0-14-5 (OL A) POEVIOUS EDITIONS OF THIS PORM AND DESOLUTE

0

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800 HOUND (L. 0.T.)

CERING							VIS	BLITY ST	ATUTE MIL	E 5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/:	≥ 2	21%	≥1¼	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ 14	≥0
NO CEILING ≥ 20000	11.7	34.2	36.3	37.3		38.3	38.9	38.9	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.
	11.7	34.5	36.6		-	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.
≥ 18000	11.7	34.5	36.6	37.6	38.6	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.
≥ 16000	11.7	34.5	36.6	37.6	38.6	38.7	39.4	39.4	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.
≥ 14000	12.0	34.8	36.9	37.9	38.9	39.0	39.7	39.7	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40
≥ 12000	12.1	36.1	38.4	39.4	40.6	40.7	41.3	41.3	41.6	41.6	41.9	41.9	41.9	41.9	41.9	42.
≥ 10000	12.8	38.7	41.3	42.3	43.8	43.9	44.5	44.5	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.
≥ 9000	12.9	39.1	41.9	42.9	44.3	44.4	45.1	45.1	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.
≥ 8000	13.2	41.0	44.0	45.0	46.4	46.5	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	48
≥ 7000	13.6	42.1	45.1	46.1	47.5	47.6	48.3	48.3	48.5	48.5	48.8	48.8	46.8	48.8	48.8	49
> 6000	14.0	44.1	47.2	48.2	49.6	49.7	50.4	50.4	50.6	50.6	50.9	50.9	50.9	50.9		51.
≥ 5000	14.6	45.9	49.0		7.7	51.5	52.4	52.4	52.6	52.6	52.9	52.9	52.9	52.9	52.9	53
> 4500	14.7	47.0	50.1			52.8		53.7	53.9	53.9	54.2	54.2	54.2	54.2		54
≥ 4000	14.8	47.9	51.2	52.5	-1	54.2		55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55
≥ 3500	14.9	49.2	52.8			56.0		56.9	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57
≥ 3000	15.1	50.4	54.2	55.6	_	58.0										
≥ 2500							59.0	59.0	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59
≥ 2000	15.3	53.1	57.4		61.2	61.6	62.7	62.7	63.0	63.0	63.3	63.3	63.3	63.3		63
	15.9	57.3	61.6			66.5	67.8	67.9		68.1	68.5	68.5	68.5	68.5	68.5	
≥ 1800	15.9	58.7	63.5			68.7	70.0	70.1	70.3		70.7	70.7	70.7	70.7	70.7	70.
2 1300	15.9	60.7	66.0	68.1	70.7	71.9	73.6	73.9	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.
≥ 1200	16.1	63.3	69.0	71.4	74.1	75.6	77.7	77.9	78 . 2	78.4	78.8	78.8	78.8	78 . 8	78.8	79.
≥ 1000	16.1	64.5	70.8			77.9	80.4	80.6	80.8	81.0	81.5	81.5	81.5	81.5	81.5	81
≥ 900	16.1	65.0	71.6	75.0	77.9	79.5	81.9	82.2	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83
≥ 800	16.1	65.7	72.9	76 . 6	79.8	81.5	84.6	84.9	85.1	85.4	85.9	85.9	85.9	85.9	85.9	86
≥ 700	16.1	66.3	73.6	77.9	81.6	83.2	86.4	87.1	87.4	87.9	88.4	88.4	88.4	88.4	88.4	88
≥ 600	16.1	66.6	74.1	78.8	82.7	84.5	87.9	88.6	89.1	89.5	90.2	90.2	90.3	90.3	90.3	90.
≥ 500	16.1	67.0	75.0	79.8	84.0	86.3	90.0	90.8	91.5	92.1	93.2	93.3	93.4	93.4	93.4	93.
≥ 400	16.1	67.3	75.2	80.2	84.9	87.2	91.2	92.3	93.6	94.3	95.4	95.5	95.7	95.7	95.7	95
≥ 300	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.2	95.0		96.6	96.9	97.0	97.1	97
≥ 200	16.1	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.3	95.5	97.0	97.5	98.1	98.2	98.3	-
> 100	16.1	67.3	75.2	-		87.5	91.7	92.8				97.6	98.5	98.6		
≥ 0	16.2	67.3	75.2	80.4	85.1	87.5	91.7	92.8	94.3	44.0	97.1	97.6	98.5	98.6	99.0	
	10.4	0103	13.4	000	93.1	01.3	7101	72.0	74.3	73.3	7701	7100	70.3	70.0	77 • U	UU

TOTAL NUMBER OF OBSERVATIONS

907

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

0

724240 FT KNOX/GODMAN AAF KY

65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	E S						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ ′4	≥0
NO CEILING ≥ 20000	17.4	37.6	39.0		40.4	40.7	41.1	41.2	41.2		41.2	41.2	41.2	41.2	41.2	_
≥ 18000	17.8	39.6	40.9	41.5	42.5	42.7	43.4	43.5	43.5		43.5	43.3	43.5	43.5	43.5	
≥ 16000	17.8	39.6	41.1	41.7	42.7	43.0	43.4	43.5	43.5	43.5			43.5	43.5	43.5	43.
≥ 14000	18.1	39.9	41.4	42.1	43.1	43.3	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.
≥ 12000	18.3	40.7	42.3	43.0	43.9	44.2	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.
≥ 10000	19.3	43.3	44.9	45.6	46.6	46.8	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.
≥ 9000	19.5	43.6	45.2	45.9	46.9	47.1	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.
≥ 8000 ≥ 7000	19.9	45.1	46.8	1	48.5	48.7	49.2						49.6			
	19.9	45.7	47.3	48.0				49.8		50.2						_
≥ 6000 ≥ 5000	20.0	46.9	48.6	49.6	50.7	50.9	51.4	51.5					51.8			51.
	20.4	48.4	50.4		_	52.9		53.6							53.9	
≥ 4500 ≥ 4000	20.8	49.7	51.7	53.0	54.2	54.4	55.0	55.1				55.5				
≥ 3500	21.1	50.9	54.0	54 • 8 56 • 0	57.6	57.9	58.5	58.6							57.5	
≥ 3000		52.9	55.4			59.8	60.4	60.7	58.8	100000	100	59.0	59.0			-
≥ 2500	22.2	55.5	58.1	60.4	62.7	63.1	63.7	63.9	64.5				64 . 7			64.
≥ 2000		59.1	62.3	64.7	67.5	67.9	68.7	69.0		69.8			69.8	1000	69.8	-
≥ 1800	23.3	59.8	63.1		68.5	68.9	69.8	70.3							71.3	
≥ 1500	23.7	62.8	66.3	69.3	72.6	73.0	74.2	74.6			75.8					76.
≥ 1200	23.8	64.6	68.6	72.2	75.5	76.3	78.0	78.7	79.7		80.1		80.2			80.
≥ :000	23.9	65.8	70.3	74.4	78.1	79.1	81.0	82.1	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.
≥ 900	23.9	66.4	70.9	75.6	79.9	81.0	83.0	84.0	85.1	85.8	85.9	86.0	86.0	86.0	86.0	86.
≥ 800	23.9	66.6	71.4	76.2	80.5	81.7	84.2	85.7	86.8	87.4	88.1	88.2	88.2	88.2	88.2	88.
≥ 700	23.9	66.8	72.0	77.0		83.4	85.9	87.4	88.5	89.3	90.1	90.3	90.4	90.4	90.4	90.
≥ 600	23.9	66.9	72.2	77.3	82.4	83.9	86.8	88.4	89.8				_		91.8	91.
≥ 500	23.9	67.1	72.5	77.6	83.0	84.5	88.0	90.2	91.6	92.6	93.4	93.7	94.1	94.2	94.3	
≥ 400	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.1	93.0	94.2	95.4	95.6	96.3		96.6	
≥ 300 ≥ 200	24 • 1	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3		96.0	96.3	97.2	97.4	98.0	98.
	24.0	67.4	72.8	77.9		85.0	88.7		93.3							
≥ 100 ≥ 0	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3		96.3		97.8	2000		
2 0	24.0	67.4	72.8	77.9	83.4	85.0	88.7	91.4	93.3	94.8	96.3	96.9	97.8	98.5	99.3	100

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETS

CEILING VERSUS VISIBILITY

724240 FT KNOX/GOOMAN AAF KY

65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOUS (L.S.T.)

CERING							V15	B Lity ST	ATUTE MIL	E5						
(FEE")	≥ 10	≥6	≥ 5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ½:	≥ 5/16	≥ 16	≥0
NO CEIUNG	23.3	43.9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.
	25.0	43.4	43.8	43.9	43.9			43.9		43.9	43.9	43 +	43.9	43,9	43.9	43.
≥ 18000	25.1	43.5	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.
≥ 16000	25.1	43.5	43.9	44.0	44.0	44.0	44.0	44.0	44.D	44.0	44.0	44.0	44.0	44.0	44.0	44.
≥ 14000	25.6	44.2	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.
≥ 12000	27.1	47.3	47.9	48.0	48.0	48.0	48.D	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
≥ 10000	28.3	49.7	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.
≥ 9000	28.4	50.2	50.8	50.9	50.9			50.9	50.9	50.9	50.9	50.9	50.9		50.9	50.
> 8000	28.9	52.1	52.8	52.9			53.0		53.0				53.0	53.0	53.0	
≥ 7000	29.4	53.2	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54 . 3	54.3	54.3	54.
> 6000	29.6	53.8	54.4			54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	- M	54
≥ 5000	29.9	54.2	55.1	55.5	55.7		55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55
≥ 4500	30.2		55.8				56.5		56.5		56.5	56.5	56.5			
≥ 4000		1 . 1								56.5				56.5	56.5	56.
> 2600	30.6	56.5	57.4	58 - 1	58.6		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.
≥ 3500 ≥ 3000	30.6	56.8		58 - 8			59.3	59.3	59.3	59.3	59.3	59.3	59.3		59.3	59.
	31.1	58.9	60.3	61.1	61.9	61.9	61.9	61.9	62.0	62.0	62.0		62.0	62.0	62.0	
≥ 2500 ≥ 2000	32.6	62.7	64.2	65.0		66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.
2 2000	33 4	66.2	67.9	68.7	70.2	70.5	70.7	70.7	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.
≥ 1800	34.3	68.4	70.5	71.7	73.2	73.6	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.
≥ 1500	34.6	71.0	74.0	75.4	76.9	77.4	77.8	77.8	78.3	78.4	78.4	78.5	78.5	78.5	78 . 5	78.
≥ 1200	34.9	73.4	76.7	78.3	80.7	81.1	81.6	81.6	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.
≥ ,000	35.0	74.2	77.8	79.8	82.5	83.2	83.7	83.8	84 . 7	84.9	85.1	85.2	85.2	85.2	85.2	85.
≥ 900	35.0	74.4	78.1	80.3	83.2	83.8	84.5	84.8	86.2	86.4	86.8	86.9	86.9	86.9	86.9	86.
≥ 800	35.1	74.6	78.5	80.8	83.6	84.6	85.6	85.9	87.3	87.5	87.9	88.0	88.0	88.0	88.0	88.
> 700	35.1	75.0	79.1	81.4	84.3	85.5	86.4	87.0	88.5	88.7	89.5	89.6	89.7	89.7		-
≥ 600	35.1	75.4	79.8	82.1	85.1	86.6	88.0	88.6	90.2	90.8	91.8	92.0	92.2	92.5	92.6	92.
≥ 500	35.1	75.6	80.0	82.4		87.2	89.4	90.3		92.5	93.6	93.8		94.4	94.6	94
≥ 400	35.1	75.8	80.2		86.0	87.5	90.4	91.5	93.2	94.4	95.6	95.8	96.4	96.6	96.8	96.
≥ 300	35.1	75.8	80.2		86.0	87.5	90.5	91.6	93.3	94.8	96.1	96.7	97.3	97.6	97.8	97.
≥ 300	35.1	75 . 8	80.2													
					86.0	87.5	90.5	91.6	93.3	94.9	96.3	97.0	98.1	98.7	99.0	
≥ 100 ≥ 0	35.1				86.0	87.5	90.5		93.3		96.4			98.9		
= 0	35.1	75.8	80.2	82.7	86.0	87.5	90.5	91.6	93.3	94.9	96.4	97.2	98.3	98.9	99.3	00.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS ESTIONS OF THIS FORM SES OBSOLETE

CEILING VERSUS VISIBILITY

724240 FT KNOX/GODMAN AAF KY

65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700 HOURE (LE.T.)

CEILING							V15	8 LITY ST.	ATUTE MIL	E 5						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ∀:	≥ 5 1	≥ '4	≥0
O CEILING	25.7	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.
≥ 20000	27.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.
≥ 18000	27.2	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.
≥ 16000	27.2	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.
≥ 14000	27.5	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.
≥ 12000	29.1	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.
≥ 10000	32.0	51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.
≥ 9000	32.5	52.3	53.0	53.0	53.0	- 1	53.0			53.0	53.0					
≥ 8000	34.0	55.6	56.3	56.3	56.3	56.3	56.3	56.3		56.3					56.3	
≥ 7000	34.4	56.8	57.6	57.6	57.6	57.6		57.6		57.6	57.6			57.6		
≥ 6000	35.2	58.0	58.8	58.8	58.8	58.8	58.8	58.8			58.8	58.8	58.8	58.8	58.8	58
≥ 5000	35.4	58.6	59.6	59.6	59.6	59.6	59.6			59.6	59.6			59.6	59.6	59.
≥ 4500	35.6	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0		60.0	63.0	60
≥ 4000	36.3	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.
≥ 3500	36.3	61.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63 D	63.0	63.0	63.0	63.0	63.
≥ 3000	37.3	64.2	66.1	66.1	66.4	66.4	66.7		66.7	66.7		66.7	66.7	66.7	66.7	66.
≥ 2500	37.7	67.4	69.7	69.8	70.2	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70
≥ 2000	38 3	70.7	73.1	73.6	74.0	74.4	74.9			75.4			75.5	75.5		
≥ 1800	38.5		74.8	75.3				75.2				-			75.5	75.
≥ 1500	38.8	72.1	77.3		75.8	76.3	76.7	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.
> 1200	38.5	74.2	-	78.1	78.9	79.5	80.1	80.4	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.
≥ 1200			79.5	80.4	81.4	82.1	82.8	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.
	38.8	76.4	80.7	82.3	83.3	84.0	85.0	85.4	85.5	86.C	86.2	86.2	86.2	86.2	86.2	86.
≥ 900 ≥ 800	38.8	76.5	80.9	82.7	83.9	84.8	85.8	86 . 4	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.
	38.8	76.6	81.4	83.4	85.0	86.1	87.2	87.9	88.5	89.1	89.5	89.6	89.8	89.8	89.8	89.
≥ 700 ≥ 600	38.8	76.8	81.6	83.6	85.4	86.8	88.2	89.1	89.7	90.3	90.9	91.0	91.3	91.3	91.3	91.
	38.8	77.0	81.9	83.8	86.0	87.5	89.7	90.6	91.4	91.9	93.0	93.2	93.6	93.7	93.7	93.
≥ 500 ≥ 400	38.8	77.0	82.0	84.2	86.4	88.0	90.7	91.7	92.9	93.4	94.5	94.8	95.1	95.2	95.2	95.
	38.8	77.0	82.0	84.4	86.7	2.89	91.4	92.7	93.9	94.8	96.3	96.5	96.8	96.9	96.9	96.
≥ 300	38.8	77.0	82.0	84.4	86.7	88.4	91.7	93.2	94.4	95.4	97.4	97.6	97.9	98.0	98.1	98.
≥ 200	38.8	77.0	82.0	84.4	86.7	88.4	92.0	93.6	94.8	95.7	97.8	98.1	98 - 7	98.8	98.9	98.
≥ 100	38.8	77.0	82.0	84.4	86 - 7	88.4	92.0	93.6	94.9	95.8	97.9	98.3	98.8	98.9	99.5	100.
≥ 0	38.8	77.0	82.0	84.4	86.7	88.4	92.0	93.6	94.9	95.8	97.9	98.3	98.8	98.9	99.5	100.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS POSM ARE OSSOLETE

CEILING VERSUS VISIBILITY

724240 FT KNOX/GOOMAN AAF KY 65-70,76-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CERING							VIS	BLITY ST	ATUTE MILI	E5						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/.	≥ 2	≥ 1%	≥1%	≥1	≥ ¾	≥ %	≥ ٧.	≥ 5/16	≥ ′₄	≥0
NO CEIUNG ≥ 20000	19.1	43.2	43.4	43.5	43.5	43.5	43.5	43.5		43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 18000 ≥ 16000	19.3	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5 45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000 ≥ 12000	19.7	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 10000 ≥ 9000	21.0	51.4	51.9	52.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000 ≥ 7000	21.9	55.0	55.7 57.5	55.8	55.8	55.9	55.9 57.7	55.9	55.9	55.9	55.9	55.9 57.7	55.9 57.7	55.9	55.9	55.9
≥ 6000 ≥ 5000	23.4 23.8		60.0	60.1	60.1	60.2	60.2	60.2		60.2	60.2	60.2	60.2	60.2		60.2
≥ 4500 ≥ 4000	23.8	61.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2		62.2	62.2
≥ 3500 ≥ 3000	24.3	65.2		66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500 ≥ 2000	24.5		73.7	74.1	74.6	74.7 78.1	74 • 7 78 • 2	74.7	74 • 7 78 • 3	74.7 78.3	74.7	74 • 7 78 • 3	74.7	74.7	74.7	74.7
≥ 1800 ≥ 1500	24.6	75.4		78.6 81.4	79.3	79.8	79.9 83.0	80.1	80.1	80.1	80.1	80.1	80.1		80.1	80.1
≥ 1200 ≥ 1000	25.0	78 • 5 79 • 0		83.1	84.1	84.8	85.1	85.4	85 · 4 87 · 3	85.5	85.5	85.5 87.6	85.5	85.5	85.5	85.5
≥ 900 ≥ 800	25.2	79.8	83.5	85.2 86.0	86.9	88.0	88.6	89.1	89.1 90.6	89.4	89.4	89.4	89.4	89.4 91.5	89.4	89.4
≥ 700 ≥ 600	25.2	80.0	84.2	86.3	88.8	90.2	91.3 91.4	92.4	92.4 92.7	93.0	93.0	93.0 93.4	93.3	93.4	93.5	93.5 93.8
≥ 500 ≥ 400	25.2	80.0	84.2	86.7	89.4	90.7	92.3 92.7	93.7 94.5	94.1	94.8	94.8	94.8	95.0 96.1	95.1 96.2	95.2 96.5	95·2 96·5
≥ 300 ≥ 200	25.2	80.0	84.2	86.9	89.7	91.2 91.2	93·3 93·3	95·1 95·1	95.7 95.7	96.7 97.1	97.0 97.8	97.1 98.1	97.3 98.3	97.5 98.6	97.7 98.8	98 • 0 99 • 3
≥ 100 ≥ 0	25.2	0.08	84.2	86.9	89.7	91.2	93.3	95·1 95·1	95.7 95.7	97·1 97·1	97.8	98.1 98.2	98.3 98.5	98.7 98.8	98.9 99.0	99.7

TOTAL NUMBER OF OBSERVATIONS _

905

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,76-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							vi\$	BLITT ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1 1/4	≥1	≥ ¼	≥ %	≥ ⊬.	≥ 5/16	≥ ¼	≥0
NO CEILING	17.4	44.6	45.0	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 18000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 16000	17.4	45.7	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	17.4	46.0	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	17.7	47.0	47.4	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	17.8	48.2	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	17.9	49.1	49.6	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	18.7	51.4	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	19.3	53.7	54.1	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54 . 4	54.4	54.4	54.4
≥ 6000	20.2	56.0	56.6	56.8	56.8	56.8	56 . 8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	20.6	57.3	58.1	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	56.6
≥ 4500	20.7	58.2	59.2	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4000	21.0	59.9	61.0	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500	21.2	61.9	63.1	63.8	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3000	21.3	63.6	65.1	65.8	66.3	66.3	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	21.5	67.8	69.8	70.8	71.6	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	22.2	71.3	73.9	75.4	76.3	76.6	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	22.3	73.6	76.8	78.4	79.4	79.7	80.0	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	22.3	77.3	81.0	82.8	83.8	84.0	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	22.4	77.7	81.6	83.3	84.8	85.2	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	22.4	77.8	81.7	83.8	85.4	86.0	86.6	86 . 7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	22.4	78.3	82.2	84.8	86.4	87.0	87.9	88.0	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥ 800	22.4	78.6	82.4	85.2	86.9	87.6	88.6	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 700	22.4	79.2	83.2	86.6	89.1	89.8	91.3	91.6	92.1	92.1	92.1	92.1	92.2	92.2		
≥ 600	22.4	79.3	83.4	86.9	89.4	90.2	91.8		93.0	93.0	93.0	93.1	93.3	93.3	97.3	93.3
≥ 500	22.4	79.3	83.6	87.3	90.1	90.9	92.7	93.3	94 . C	94.0	_	94.2	94.4	94.4	94.4	94.41
≥ 400	22.4	79.3	83.6	87.4	90.3	91.1	93.0	94.2	95.2			95.9	96.1	96.1	96.1	96.1
≥ 300	22.4	79.3	83.6	87.4	90.3	91.2	93.2	94.8	95.9	96.4	96.7	96.9	97.3	97.3	97.3	97.9
≥ 200	22.4	79.3	83.6	87.4	90.3	91.2	93.3		96.2	97.0		97.9	98.6	98.9	99.0	
> 100	22.4	79.3	83.6	87.4	90.3	91.2	93.3		96.2	97.0		97.9			-	
≥ 0	22.4	79.3	83.6	87.4	90.3	91.2					97.7	98 - 3		99.3		100.0

TOTAL NUMBER OF OBSERVATIONS ______9

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,76-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥ 2 ½	≥ 2	21%	≥1%	≥1	≥ ¼	≥ %	≥ ∀:	≥5/16	≥ '4	≥0
NO CEILING	18.3	41.1	41.8	42.2	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.9	43.0
≥ 20000	18.8	42.4	43.2	43.6	43.9	43.9	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4
≥ 18000	18.8	42.5	43.3	43.6	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.4
≥ 16000	18.8	42.5	43.3	43.6	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.5
≥ 14000	19.1	43.0	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.9	45.0
≥ 12000	19.6	44.4	45.3	45.6	45.9	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 10000	20.6	47.0	47.9	48.3	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.2
≥ 9000	20.8	47.6	48.6	48.9	49.3	49.3	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8
≥ 8000	21.5	49.7	50.7	51.1	51.5	51.5	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1
≥ 7000	21.9	51.0	52.1	52.5	52.9	52.9	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4
≥ 6000	22.4	52.7	53.9	54.3	54.7	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 5000	22.8	54.2	55.4	56.0	56.4	56.5	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.1
≥ 4500	23.0	55.0	56.3	56.9	57.4	57.4	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0
≥ 4000	23.4	56.6	58.1	58.8	59.4	59.5	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 3500	23.5	58.0	59.7	60.6	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 3000	23.8	59.9	61.9	62.8	63.8	63.9	64.2	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 2500	24.3	63.1	65.4	66.4	67.5	67.7	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	69.5	68 . 6
≥ 2000	24.8	66.3	68.9	70.2	71.6	72.0	72.5	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 1800	25.0	67.7	70.6	72.1	73.6	74.0	74.5	74 . 8	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75 . 4
≥ 1500	25.2	70.6	74 . C	75.7	77.4	77.8	78.6	78.8	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.6
≥ 1200	25.3	72.2	76.0	78 - 1	83.0	80.6	81.6	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.8
≥ 1000	25.4	73.2	77.3	79.7	81.9	82.7	83.8	84.3	84.7	84.9	85.1	85 . 1	85 . 1	85.1	85.2	85.3
≥ 900	25.4	73.6	77.9	80.7	83.1	84.0	85.3	85.8	86.3	86.7	86.9	86.9	86.9	86.9	87.0	87.1
≥ 800	25.4	73.9	78.5	81.5	84.1	85.1	86.7	87.3	87.8	88.2	88.5	88.5	88.6	88.6	88.7	88.8
≥ 700	25.4	74.3	79.1	82.3	85.2	86.4	88.2	89.0	89.6	90.0	90.4	90.5	90.6	90.6	90.7	90 . 8
≥ 600	25.4	74.6	79.4	82 . 6	85.8	87.1	89.2	90.2	91.0	91.4	91.9	92.0	92.2	92.3	92.4	92.5
≥ 500	25.4	74.7	79.7	83.2	86.5	87.9	90.4	91.7	92.6	93.1	93.8	93.9	94.1	94.2	94.3	94.4
≥ 400	25.4	74.8	79.8	83.4	86.9	88.3	91.1	92.8	93.9	94.7	95.5	95.6	95.9	96.0	96.2	96.3
≥ 300	25.4	74.8	79.8	83.5	87.1	88.5	91.5	93.3	94.5	95.5	96.5	96.7	97.1	97.2	97.5	97.7
≥ 200	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.8	97.0	97.4	98.0	98.2	98.7	99.0
> 100	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.8	97.0	97.5	98.1	98.4	99.0	99.6
≥ ∪	25.4	74.8	79.8	83.5	87.1	88.5	91.6	93.4	94.7	95.9	97.1	97.6	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

7239

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

724240

2

0

FT KNOX/GODMAN AAF KY

65-70,75-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
(PEET)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥ ½	≥0
O CEILING	21.1	53.1	53.7	54.0	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	21.1	53.9	54.5	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	21.4	54.1	54.8	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.
≥ 12000	21.4	56.1	56.7	57.0	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.
≥ 10000	21.8	57.0	57.7	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.
≥ 9000	21.8	57.4	58.1	58.3	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.
≥ 8000	21.9	59.1	59.8	60.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.
≥ 7000	22.1	60.4	61.1	61.6	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.
≥ 6000	22.9	62.3	62.9	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.
≥ 5000	22.9	63.6	64.2	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 4500	22.9	64.9	65.8	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
≥ 4000	22.9	67.1	68.3	69.1	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.
≥ 3500	23.2	68.9	70.2	71.0	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.
≥ 3000	24.0	71.3	72.9	73.7	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.
≥ 2500	24.1	72.6	74.3	75.1	75.5	75.8	75.8	75.8	75.9		75.9	75.9	75.9	75.9	75.9	75.
≥ 2000	24.2	75.1	76.9	77.9	78.5	78.8	78.8	78 . 8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.
≥ 1800	24.4	75.8	77.6	78.5	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.
≥ 1500	24.6	77.6	79.4	81.0	81.8	82.4	82.4	82.6								
≥ 1200	24.6	78.9	80.9	82.7	83.9	84.9		85.1	85.2	-	85.2	85.2	85.2	85.2	85.2	
≥ 1000	24.9	79.6	81.8	83.9	85.1	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.
≥ 900	24.9	8 D. 5	82.8	85.1	86.6	88.1	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.
≥ 800	24.9	81.9	84.1	86.4	87.9	89.4	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.
≥ 700	24.9	82.2	84.9	87.4	89.3	90.7	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.
≥ 600	24 . 9	82.3	85.1	87.8	89.9	91.3	91.9	92.4	92.5	92.5	92.5	92.5		92.5	92.5	
≥ 500	24.9	82.8	85.8	89.0	91.7	93.4		94.6	94.8		94.9	94.9	94.9	94.9	94.9	
≥ 400	24.9	83.1	86.1	89.3	92.3	94.5			96.3		96.6	96.6	96.6	96.6	96.6	96.
≥ 300	24.9	83.1	86.1	89.3	92.4	94.6	95.9	97.1	97.2		97.6	97.6	97.6	97.6	97.9	97.
≥ 200	24.9	83.1	86.1	89.4	92.5	94.8	1111	97.2	97.4			97.9	97.9	98.0	98 3	
≥ 100	24.9	83.1	86.1	89.4	92.5	94.9	96.5				98.6	98.6		98.7	99.0	
2 0	24.9	83.1	86.1	89.4	92.5	94.9			98.0						99.2	

TOTAL NUMBER OF OBSERVATIONS __

763

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS SDITIONS OF THIS FORM ARE ORSOLETE

CEILING VERSUS VISIBILITY

724240

0

0

FT KNOX/GODMAN AAF KY

65-70,75-77

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0503 HOURS (L.S.T.)

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ ⊬:	≥ 5/16	≥ 4	≥0
ONIJIED CH	17.6	47.6	48.4	48.8	49.9	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.
≥ 20000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	5C.8	50.8	50.8	50.8	50.8	50.
≥ 18000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.
≥ 16000	17.6	48.2	49.0	49.3	50.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.
≥ 14000	17.6	48.2	49.0	49.3	5G.4	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.
≥ 12000	17.6	49.1	49.9	50.3	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.
≥ 10000	18.4	51.0	51.8	52.2	53.3	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.
2 9000	18 . 4	51.3	52.2	52.6	53.7	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.
≥ 8000	18.4	52.9	53.9	54.3	55.4	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.
≥ 7000	18.5	54.3	55.5	55.9	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.
≥ 6000	19.3	55.6	56.8	57.6	58.7	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.
≥ 5000	19.6	58.5	59.8	60.6	6 . 8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.
≥ 4500	19.7	59.6	61.0	61.8	63.0		63.4	63.4	63.4	63.5	63.5	63.5	63.5		63.5	63.
≥ 4000	19.7	61.4	62.9	63.8	65.Q	65.2	65.4	100	65.4	65.5	65.5	65.5	65.5		65.5	
≥ 3500	19.8	63.3	64.7	65.6	66.9	67.2	67.3				67.5	67.5	67.5	67.5	67.5	67.
≥ 3000	20.2	65.1	66.7	67.7	69.0	. 60	69.6				69.7		69.7	69.7	69.7	69.
≥ 2500	20.7	68.6	70.3	71.4	72.7	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.8	73.
≥ 2000	21.4	71.9	73.8	75.2	76.6					77.6	77.6			77.6		78.
≥ 1800	21.7	73.1	74.9	76.4	78.C		78.7	78.7	78.7	78.9	78.9	78.9	78.9		79.1	79.
≥ 1500	22.2	75.7	77.8	79.3	81.2	81.9	82.2	82.3		82.8	82.8	82.8	82.8	82.8	83.1	83.
≥ 1200	22.2	76.5		80.6	82.9	83.7	84.D	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.9	85.
≥ 1000	22.3	76.9	79.4	81.5	84.0	84.8	85.0	85.6		86.1	86.1	86.1	86.1	86.1	86.4	86.
≥ 900	22.3	77.8	80.7	83.1	85.6	86.4	86.7	87.3	87.3	87.8	87.8	87.8	87.8	87.8	88.1	88.
≥ 800	22.3	78.3	81.2	83.9	86.5		87.7	88.2	88.2	88.8	88.8	88.8	88.8	88.8	89.4	89.
≥ 700	22.1	78.3	81.2	84.0	87.0	87.8	88.2	89.0	89.0	89.8	89.8	89.8	89.8	89.8	92.3	90
≥ 600	22.3	78.6	81.5	84.5	88.2		89.4	90.2	90.2	91.1	91.1	91.1	91.1	91.1	91.6	91.
> 500	22.3	79.1	82.7	85.8	90.2	91.1	91.7	92.7	92.7	93.7	93.7	93.7	93.7	93.7	94.2	94
≥ 500 ≥ 400	22.3	79.3	82.8	86.0	90.9	92.0	92.8	93.7	93.8	95.4	95.4	95.4	95.4	95.4	95.9	96.
≥ 300	22.3	79.3	82.9	86.1	91.7	92.8	93.6	94.9	95.1	96.9	96.9	96.9	96.9	96.9	97.5	97.
≥ 200	22.3	79.3	82.9	86.1	91.7	92.8	93.7	95.0	95.5			97.2	97.2	100	98.2	98.
	22.3	79.3	82.9							97.2	97.2			97.5		-
≥ 100				86.1	91.7	92.9	94.0	95.3	96.1	97.8	97.9	97.9	98.0	98.3	99.0	99.
	22.3	79.3	82.9	86.1	91.7	92.9	94.3	95.3	96.1	97.8	97.9	97.9	98.0	98.3	99.1	100

TOTAL NUMBER OF OBSERVATIONS ___

762

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

1

70,

CEILING VERSUS VISIBILITY

724243

FT KNOX/GODMAN AAF KY SMAN NOITATE

65-70,75-78

FEB MORTH

STATION

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600 HOURS [Le.Y.]

CEILING							VIS	8 617 ST	ATUTE MILI	€5						
(PEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ 4:	≥5/16	2%	≥0
NO CEILING	14.7	45.3	47.2	48.6	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.6	49.6	49.8	50.
≥ 20000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.
≥ 180000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.
≥ 16000	14.8	46.3	48.2	49.9	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	51.1	51.1	51.2	51.
≥ 14000	14.9	46.4	48.3	50.0	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.2	51.2	51.3	51.
≥ 12000	15.0	46.9	48.8	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.7	51.7	51.8	52
≥ 10000	15.5	49.3	51.2	52.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.4	54.
≥ 9000	15.6	49.4	51.3	53.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.5	54.5	54.6	54 .
≥ 8000	16.1	51.4	53.4	55.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.8	57.
≥ 7000	16.5	52.4	54.6	56.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.9	58.
≥ 6000	16.5	53.1	55.5	57.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.9	58.9	59.0	59
≥ 5000	16.7	55.0	57.7	59.7	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.7	62.
≥ 4500	17.1	56.4	59.7	62.2	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.3	64.
≥ 4000	17.2	57.9	61.5	64.2	66.0	66.2	66.4	66.4	66 . 4	66.4	66.4	66.4	66.7	66.7	66.8	67.
≥ 3500	17.2	58.6	62.2	64.9	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.5	67.
≥ 3000	17.4	60.1	63.6	66.4	68.4	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.4	69.
≥ 2500	17.7	62.8	66.6	69.7	71.7	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.9	73.
≥ 2000	18.1	65.3	69.2	72.4	74.6	75.0	75.4	75.6	75.6	75.6	75.6	75.6	75.9	75.9	76.1	76.
≥ 1800	18.4	66.5	70.7	74.3	76.7	77.0	77.4	77.6	77.6		77.6	77.6	78.0		-	
≥ 1500	18.9	68.2	72.7	76.7	79.5	80.0	80.3	80.7	80.8	80.8	80.8	80.8	81.2	81.2	81.3	81.
≥ 1200	18.5	69.4	74.2	78.1	81.0	81.8	82.1	82.7	82.8	82.8	82.8	82.8	83.2	83.2	83.3	83
≥ 1000	18.5	69.9	74.9		82.7	83.9	83.8	84.4	84.6	85.0	85.1	85.1	85.4	85.4	85.5	86.
> 900	18.5	70.5	75.5		83.4	84.1	84.6	85.2	85.4	85.8	85.9	85.9	86.3	86.3	85.4	86.
≥ 800	18.5	70.6	75.6	80.1	83.9	84.6	85.1	85 . 8	86.0	86.4	86.5	86.5	86.8	86.8	87.0	87.
≥ 700	18.5	70.7	75.9		84.5	85.2	85.8	86.5	86.7	87.2	87.3	87.3	87.8	87.8	87.9	88
≥ 600	18.5	71.1	76.8		85.9	86.7	87.4	88.2	88.5	89.0	89.1	89.1	89.6	89.6	89.7	90
≥ 500	18.6	71.7	77.7	82.6	87.2	88.0	89.6	90.6	91.0		91.6	91.6	92.1	92.1	92.2	92
≥ 400	18.6	71.9	78.0	83.2	88.0	89.1	91.1	92.5	92.9	2.7	94.2	94.3	94.9	95.0	100	95
≥ 300	18.6	71.9	78.0		88.3	89.3	91.4	93.2		94.9	95.3	95.4	96.1	96.3	96.6	97
≥ 200	18.6	71.9	78.0	83.2	88.3	89.5	91.5	93.6	94.1	95.6	96.2	96.4	97.4	97.6		99
> 100	18.6	71.9	78.0	83.2	88.3	89.5	91.5	93.7	94.2	95.7	96.3		97.5	97.9		99
≥ 100	18.6	71.9		83.2	88.3	89.5	91.5	93.7	94.2	95.7			97.5	97.9		
	10.0	11.4	78.1	03.4	00.3	04.3	71.0	73 . /	74.2	73.1	96.3	70.0	71.3	71.9	98.9	TO 0 .

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JULIA 0-14-3 (OL A) PREVIOUS SEITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

724240 FT KNOX/GODMAN AAF KY STATION NAME

65-70,75-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEIUNG							VIS	BILITY ST	ATUTE MIL	E5						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥21/.	≥ 2	≥1%	≥1%	21	≥ %	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING	22.7	45.0	46.3	48.0	48.2	48.2	48.3	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.8
≥ 20000	22.8	46.5	48.0	49.8	50.0	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 18000	22.8	46.5	48.0	49.8	50.0	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 14000	22.8	46.5		49.8	50.0	50 D	50.1	50.4					50.6	44.4		50.6
≥ 12000	22.8	46.8	48.3	50 - 1	50.4	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
≥ 10000	24.2	50.2	49.9	53.7	54.0		54.1	54.4			54.5	54.5		2000		54.6
≥ 9000									54.5	54.5			54.6	54.6	54.6	
	24.3	50.6	52.2	54.0	54.5		54.6	54.8	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 8000 ≥ 7000	24.7	53.1	54.8	56.6			57.3	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
	25.8	55.1	56.9	58,7	59.5		59.6	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 6000 ≥ 5000	25.9	55.7	57.6	59.6	60.4	60.4	60.5	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
	26.4	56.9		61.0	61.8	61.8	61.9	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 4500 ≥ 4000	26.5	57.4	59.7	62.3	63.2		63.4	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
	26.6	58.5	61.2	63.9	65.1	65.2	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65 8	65.8	65.8
≥ 3500 ≥ 3000	27.0	59.6		65.2	66.4	66.5	66.8	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3
	27.2	60.8	63.B	66.5	67.8		68.2	68.4	68.6	68.6	68.6	68.6	68.7	68 . 7	68.7	68.7
≥ 2500	27.7	62.8	66.1	69.1	70.6	70.7	71.2	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 2000	28.7	66.3	69.6	72.9	74.3	74.5	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 1800	28.8	67.1	70.8	74.3	75.9	76.0	76 . 6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1500	29 . 1	69.1	73.0	76.8	78.4	78.6	79.2	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1200	29.4	70.6	74.6	78.6	80.5	80.9	81.6	81.8	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
≥ ;000	29.4	71.9	76.4	81.0	83.3	83.8	84.6	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 900	29.4	72.0	76.6	81.3	83.8	84.5	85.6	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 800	29.4	72.3	77.0	81.7	84.5	85.3	86 . 5	87.4	87.6	87.7	87.7	87.7	87 .8	87.8	87.8	87.8
≥ 700	29.4	72.5	77.1	82.4	85.7	86.5	87.9	88.9	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 600	29.4	73.0	77.9	83.5	86.9	87.9	89.6	90.7	90.9	91.1	91.1	91.1	91.4	91.4	91.5	91.5
≥ 500	29.7	73.5	78.4	84.0	87.5	88.9	91.1	92.4	92.8	93.0	93.1	93.1	93.4	93.4	93.5	93.5
≥ 400	29.8	73.6	78.6	84.4	88.1	89.7	92.8	94.3	95.0	95.4	95.7	96.1	96.5	96.5	96.6	96.€
≥ 300	29.8	73.6	78.6	84.4	88.4	90.2	93.4	95.5	96.5	96.8	97.5	97.9	98.2	98.3	98.5	98.
≥ 200	29.8	73.6	78.7	84.5	88.5	90.3	93.5	95.6	96.6	97.0	97.8	98.2	98.9	99.2	99.4	99.1
≥ 100	29.8	73.6		84.5	88.5		93.5		96.6	97.0		98.3	99.1	99.3	99.6	1.00
≥ 0	29.8	73.6	78.7	84.5	88.5	700.000	93.5	95.6		_		98.3		99.3		100.1

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS STITIONS OF THIS FORM ARE ODEDLETE

0

0

0

0

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY ST	ATUTE MIL	E 5						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥ 2 1/.	≥ 2	₹1%	≥1%	≥1	2 %	≥ %	≥ ٧:	≥5/16	≥ 4	≥0
NO CEILING ≥ 20000	31.8	50.1	50.4	50.5	50.5	50.5	50 • 5 53 • 7	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.
≥ 18000 ≥ 16000	32.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.
≥ 14000 ≥ 12000	32.6		53.7	53.8	53.8	53.8		53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8 55.2	
≥ 10000	34.6	57.3	57.6		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.
≥ 8000 ≥ 7000	35.1	59.5	59.7	59.9	59.9	59.9	59.9 60.6	59.9	59.9		59.9 60.6	59.9	59.9	59.9	59.9	59.
≥ 6000 ≥ 5000	35.7	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
≥ 4500 ≥ 4000	35.8	62.6	63.1	63.7	63.8	63.8	63.8	63.8	63.8		63.8	63.8	63.8	63.8	63.8	1
≥ 3500 ≥ 3000	36.3	65.1	66.3	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.
≥ 2500 ≥ 2000	38.8	70.6	72.0	72.9	73.3	73.3	73.3 79.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
≥ 1800 ≥ 1500	40.0	76.4	78.8	80.1	80.7	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	
≥ 1200 ≥ 1000	40.7	79.9	83.2	85.0 87.2	85.7 88.3	85.9	86 · 1 88 · 7	86.3	86.3		86.6	86.8	86.8	86.8	86.8	
≥ 900 ≥ 800	40.8	81.9	85.9	88.4	89.8	90.1	90.3	90.5	90.5		90.9	91.0	91.0	91.0	91.0	
≥ 700 ≥ 600	40.8	82.7 83.0	86.9	90.0	92.1	92.3	92.8	93.1	93.3		93.7	93.9	93.9	93.9	93.9	1
≥ 500 ≥ 400	40.8	83.3	87.5		93.0 93.6	93.4	94 • 0 95 • 0	94.9		95.4 97.2		95.6			95.9	
≥ 300 ≥ 200	40.8	83.5	87.6	91.0	93.9	94.3	95.7 95.9		97.8	98.7	98.9	98.6	98.7	99.6	99.9	99.
≥ 100 ≥ 0	40.8	83.5	87.6			94.3	95.9		100	98.7			99.5	99.8		

TOTAL NUMBER OF OBSERVATIONS 84

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SEITIONS OF THIS FORM ASS SESSESTE

0

0

CEILING VERSUS VISIBILITY

724240

0

FT KNOX/GODMAN AAF KY

65-70,75-78

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.E.Y.)

CEILING							VIS	B'LI"Y ST	ATUTE MIL	F S						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ (%	≥1%	≥1	≥ %	≥%	≥ ٧;	≥ 5/16	≥ %	≥0
NO CEILING	33.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	36 - 1	56.5	56.5	56.5	56.5	56.5	56.5	56 . 5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	36.1	56.5	56.5	56.5	56.5	56 . 5	56.5	56 . 5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	36.1	56.5	56.5	56.5	56.5	56.5	56.5	56 . 5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	36.1	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56 . 9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	36.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	38.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	39.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	39.8	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	40.0	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	40.0	63.8	64 - 1	64.1	64.1	64.1	64.1	64.1	64 - 1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	40.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	A .9	64.9	64.9	64.9
≥ 4500	40.7	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	36.4	66.4	66.4	66.4
≥ 4000	41.3	67.6	68.0	68.0	68.0	68.2	68.2	68.2	68 . 2	68.2	68.2	68.2	68.2	66.2	68.2	68.2
≥ 3500	42.0	69.7	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	43.3	72.2	72.6	72.6	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	44.1	75.8	76.4	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	44.7	79.9	80.7	81.7	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1800	44.7	80.6	81.6	82.5	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1500	44.9	81.6	83.2	84.4	84.8	85.0	85.2	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1200	45.0	83.1	85.7	87.4	87.9	88.2	88 - 5	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1000	45.4	83.9	86.8	88.5	89.2	89.5	90.0	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 900	45.4	84.2	87.0	88.8	89.7	90.1	90.9	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	45.9	84.5	87.5	89.2	90.5		91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 700	45.5	84.6	87.7	89.6	90.9	91.4	92.2	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 600	45.5	84.9	87.9	89.8	91.1	91.6	92.7	93.3	93.5	93.9	93.9	94.0	94.4	94.4	94.7	94.7
≥ 500	45.9	85.0	88.3	90.3	91.6	92.2	93.9	94.7	94.9	95.6	95.9	96.0	96.5	96.5	96.7	96.7
≥ 400	45.5	85.1	88.7	91.0	92.4	93.1	95.0	95.9	96.2	97.0	97.6	97.8	98.3	98.3	99.6	98.7
≥ 300	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.0	96.3	97.3	97.9	98.0	98.8	98.8	99.1	99.2
≥ 200	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.1	96.5	97.5	98.2	98.3	99.2	99.2	99.6	99.9
> 100	45.5	85.1	88.7	91.0	92.6	93.3	95.2	96.1	96.5	97.5	98.2	98.3	99.3		-	-
2 0	45.5	85.1	88.7	21.0	92.6	93.3					98.2	98.3	99.3	99.3		00.0

TOTAL NUMBER OF OBSERVATIONS _

846

USAF ETAC JULIA 0-14-5 (OL A) PROVIOUS SETTIONS OF THIS FORM ARE SESSELETS

CEILING VERSUS VISIBILITY

724240

0

FT KNOX/GODMAN AAF KY

65-70,75-78

FES

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 NOVAS (L.E.T.)

CEUNG							VIS	BILITY ST	ATUTE MIL	£5						
(FEET)	≥10	\$ 6	≥ 5	≥4	≥3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ 1/5	≥ 5/16	2 %	≥0
NO CEILING	26.5	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ 20000	27.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.
≥ 18500	27.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
≥ 16000	27.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
≥ 14000	27.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	56.0	58.0	58.
≥ 12000	27.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.
00001 ≤	28.4	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.
≥ 9000	28.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.
≥ 8000	29.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.
≥ 7000	29.4	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.
≥ 6000	29.1	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.
≥ 5000	29.9	67.4	67.7	67.7	67.8		67.8		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.
≥ 4500	30.4	68.9	69.3	69.4	69.5		69.5	69.5				69.5	69.5	69.5	69.5	_
≥ 4000	30 - 6	70.3	70.7	70.9	71.0		71.0	71.0		_	71.0			71.0		71.
≥ 3500	30.7	72.3	72.7	72.9	73.0		73.D	73.0	73.0			73.0		73.0		
≥ 3000	31.1	73.9	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
≥ 2500	31.8	75.8		77.1	77.2		77.2	77.3	77.3		77.3		77.3			
≥ 2000	31.9	77.9		80.0		80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80
≥ 1800	31.9	78.7	79.8	81.0			81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	-
≥ 1500	32.0	80.6	81.9	83.3	83.9		84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.
≥ 1200	32.2	82.4	84	86.8	87.4		88.2	88.5	88.5		88.5	-	88.7	88.7	88.7	
≥ 1000	32.3	83.2	85.3	87.8			89.4		89.7		89.7			89.8	89.8	
> 900	32.3				-		90.0							90.5	90.5	90
≥ 800		83.3		88.3	89.1			90.4								-
	32 3	83.6		88 • 7	89.8		90.8		91.5		91.3			91.4		-
≥ 700 ≥ 600		83.6		88.7	90.0		90.9				91.6			91.7		
	32.3	83.9		89.1	90.7		91.7				92.8			92.9		-
≥ 500 ≥ 400	32 • 3	84.0]	89.4			93.0	93.6		94.0	94.2	94.2	94.3	94.3		
	32.3	84.0		89.6			94.4				96.2					
≥ 300	32.3	84.0		89.4			94.8				96.8	_	97.3	97.6		98.
	32.	84.0		89.6			94.8									
> 100	32.3	84.9		89.6			94.8		96.1	96.8					99.6	
≥ 0	32.3	84.0	86.9	89.6	91.8	92.8	94.8	95.7	96.1	96.8	97.4	97.6	98 . 8	99.2	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC JUL SE 0-14-3 (OL A) PROVIOUS ESITIONS OF THIS PORM ARE OSSOLOTE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

FER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300 HOURE (L.E.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	€5						
(FEE?)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ½	≥ 5/16	≥ 14	≥0
NO CEILING	22.5	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6
≥ 20000	22.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 18000	22.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57 . 6
≥ 16000	22.7	56.9		57.2	57.3		57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.
≥ 14000	22.7	57.3	57.7	57.7	57.8		57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58 .
≥ 12000	22.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 10000	22.8	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.
≥ 9000	22.8	61.5		61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.
≥ 8000 ≥ 7000	23.3	63.6	63.9	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64 . :
	23.8	64.9	65.2	65.2	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.1
≥ 6000 ≥ 5000	24.0	66.1	66.5	66.5	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.
2 3000	24.2	67.1	67.6	67.6	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.
≥ 4500	24.5	68.9	69.5	69.5	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.
≥ 4000	24.8	70.2	70.8	70.9	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.
≥ 3500	25.3	71.5	72.1	72.2	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.
≥ 3000	25.5	73.6	74.3	74.7	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.
≥ 2500	25.8	74.7	75.7	76.2	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.
≥ 2000	26.1	76.7	78.4	79.3	80.1	80.1	80.3	80.3	80.4	80.4	80.4	83.4	80.4	80.4	80.4	80.
≥ 1800	26.2	77.7	79.3	80.3	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.
≥ 1500	26.2	80.7	82.6	84.0	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.
≥ 1200	26.4	81.4	83.5	84.9	85.9	86.3	86.6	86.6	86.8	86.8	86.8	86.9	86.8	86.8	86.8	86.
≥ ,000	26.4	82.4	84.4	86.1	87.5	87.9	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.
≥ 900	26.5	83.8	85.9	88.2	89.8	90.3	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91 .
≥ 800	26.5	84.4	86.6	89.4	91.1	91.6	92.0	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.
≥ 700	26.5	85.1	87.4	90.1	92.3	92.8	93.1	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.
≥ 600	26.5	85.2	87.6	90.3	92.9	93.4	93.9	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94 .
≥ 500	26.5	85.3	87.7	90.5	93.4	93.9	94.6	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.
≥ 400	26.5	85.5	87.9	91.1	94.3	94.9	95.9	96.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.
≥ 300	26.5	85.5	87.9	91.1	94.7	95.4	96.5	97.2	97.8	98.1	98 - 3	98.3	98.5	98.5	98.6	98.
≥ 200	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98.0	98.6	98.8	98.8	98.9	98.9	99.1	99.
≥ 100	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98.1	98.7	98.9	98.9	99.3	99.3	99.4	99.
≥ 0	26.5	85.5	87.9	91.1	94.8	95.5	96.6	97.4	98 . 1	98 . 7	98.9	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS ___

846

USAF ETAC JUL 14 0-14-5 (OL A) PROVIDES ODITIONS OF THIS FORM ASS OSEOLOTE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GOOMAN AAF KY

65-70,75-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	8 LITY 51	ATUTE MIL	E5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥₩	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	24.0	49.9	50.6	51.1	51.4	51.4	51.4	51.5 54.1	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
≥ 18000 ≥ 16000	24.5	52.4			54.0		54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3
≥ 14000 ≥ 12000	24.5	52.6		53.9	54.2	54.3	54.3	54.3		54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 10000	25.7	56.3	57.1	57.6	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 8000 ≥ 7000	26.2	58.6	59.4	59.9	60.3	60.4	58.5	58.6 60.5	58.6	58.6 60.5	58.6	58.6	58.7	58.7	58.7	58.7
≥ 6000 ≥ 5000	26.6	60.6	61.5	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 4500 ≥ 4000	27.1	63.1	64.3	65.2	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 3500 ≥ 3000	27.8	66.1	67.6	68.7	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6		69.7	69.7	69.8
≥ 2500 ≥ 2000	29.0	70.5 73.5	72.2 75.6	1	74.3	71.6	71.7	71.8	74.8		71.8	74.8		71.9	74.9	75.0
≥ 1800 ≥ 1500	29.1	74.5	76.7	77.2	78.2	78.4	78.6	80.0	80.1	78.8	80.1	78.8	78.8 80.2	78.8	80.2	80.3
≥ 1200 ≥ 1000	30.0	77.8	78.9	83.0	84.4	84.9	82.7	85.5	85.6	83.1	83.1	85.7	83.2	83.2	85.9	86.0
≥ 900 ≥ 800	30.1	78.6	81.8	85.4	87.3	87.5	87.1	87.4	88.9	87.7	87.7	87.7	87.8	87.8	87.9	89.4
≥ 700 ≥ 600	30.2	80.0	83.4	86.6	89.0	89.6	90.3	90.8		91.2	91.3	90.3	90.3	90.3	91.5	91.6
≥ 500 ≥ 400	30.2	80.6	84.3	87.8	90.7	90.5	92.7	91.9	93.8	94.2	94.3	94.3	94.5	94.5	94.7	94.8
≥ 300 ≥ 200	30.2	80.7	84.5	88.2	91.4	92.8	94.5	95.8			96.3	96.4	96.7	96.7	98.1	98.
≥ 100 ≥ 0	30.2	80.7	84.6	88.3	91.8 91.8	92.9	94.6	96.0 96.1 96.1	96.7	97.4	97.8 98.0	98.2 98.2	98.4 98.8 98.8	98.6	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS ___

6599

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

724240 FT KNOX/GODMAN AAF KY

65-70,75-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							vis	8 LITY ST.	ATUTE MILI	ES						
(FEET)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	21%	≥1	≥ ¾	≥ %	≥ 4:	≥5/16	≥ ¼	≥0
NO CEILING	24.6	52.8	53.0	53.5	54 - 2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
≥ 20000	24.6	54.8	55.1	55.6	56 . 3	56.4	56.4	56.4	56 . 4	56.4	56.4	56.4	56.4	56 . 4	56.4	56.
≥ 18000	24.6	55.0	55.2	55.7	56.4	56.5	56 . 5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.
≥ 16000	24.6	55.1	55.3	55.8	56.5	56.6	56.6	56.6	56 . 6	56.6	56.6	56.6	56.6	56.6	56.6	56.
≥ 14000	24 . 6	55.1	55.3	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.
≥ 12000	24.9	56.2	56.4	56.9	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.
≥ 10000	25.1	57.5	57.7	58 . 2	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.
≥ 9000	25.3	57.7	57.9	58.4	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.
≥ 8000	26.0	60.2	60.5	60.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.
≥ 7000	26.0	61.6	61.9	62.5	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
≥ 6000	26.4	63.3	63.6	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.
≥ 5000	27.0	65.9	66.3	66.9	67.9	68.0	68.0	68.D	68.D	68.0	68.0	68.0	68.0	68.0	68.0	68.
≥ 4500	28.0	68.2	68.7	69.7	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.
≥ 4000	28.3	70.1	70.7	72.3	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.
≥ 3500	29.0	72.8			76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.
≥ 3000	29.9	74.6	75.3	76.9	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.
≥ 2500	29.9	76.2	76.9	78.9	80.9	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.
≥ 2000	30.0	77.5	78.3	80.3	11	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.D	83.0	83.
≥ 1800	30.0	79.0	79.8	82.1	84.2	84.3	34.6	84 . 8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.
≥ 1500	30.0	79.6	80.4	82.8	85.1	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86 . 1	86.1	86.1	86.
≥ 1200	30.0	79.9	81.1			86.6		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.
≥ 1000	30.0	80.5	81.7	84.5		87.3	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 900	30.1	80.8	82.1	85.4	88.1	88.5	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.
≥ 800	30.3	81.0	82.6	86.3	88.9	89.6	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.
≥ 700	30.3	81.5				90.7	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.
≥ 600	30.3	81.7	83.5	87.7	91.0	92.1	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.
≥ 500	30.3	81.7				93.4	94.1	94.4	94.4	94.6	94.6	94.9	94.9	94.9	94.9	94.
≥ 400	30.3	81.8	83.6				96.3		96 . 8	97.1	97.1	97.4	97.6	97.6	97.6	97.
≥ 300	30.3	81.8	83.6				96.5	97.3	97.6	98.1	98.6	98.9	99.3	99.3	99.4	99.
≥ 200	30.3	81.8			93.8		-		97.8	98.3	98.8	99.2	99.5	99.5	99.6	99.
> 100	30.3	81.8		-		95.0						99.2		99.5	99.6	
2 0	30.3	81.8								98.3				99.8		

TOTAL NUMBER OF OBSERVATIONS ___

837

USAF ETAC POSM 0-14-5 (OL A) POS VIOUS ESITIONS OF THIS PORM ASS DESOLETE

4.1

CEILING VERSUS VISIBILITY

724240

FT KNOX/GOOMAN AAF KY

65-70,75-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 Hours (L.e.t.)

CEILING							VIS	BLITY STA	ITUTE MILI	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⊬	≥ 5/16	≥4	≥0
NO CEILING	21.4	48.9	49.3	50.2	50.8	50.8	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.6	51.9
≥ 20000	22.3	51.1	51.6	52.4	53.0	53.0	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.9	54.1
≥ 18000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
\$ 16000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
≥ 14000	22.3	51.5	52.0	52.8	53.4	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.5
≥ 12000	22.7	52.3	52.8	53.6	54.2	54.2	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.1	55.3
≥ 10000	23.1	54.1	54.6	55.6	56.2	56.2	56.5	56 . 6	56 . 6	56.8	56.8	56.8	56 . 8	56.8	57.0	57.2
≥ 9000	23.3	54.4	54.8	55.8	56.4	56.4	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.2	57.5
≥ 8000	23.7	56.6	57.3	58.3	58.9	58.9	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.7	60.0
≥ 7000	23.8	57.3	58.1	59.1	59.9	59.9	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.7	60.9
≥ 6000	24.3	58.3	59.0	60 . 1	60.8	60.8	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.9
≥ 5000	24.6	60.8	61.8	63.1	63.9	63.9	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.9	65.1
≥ 4500	25.0	62.7	63.9	65.4	66.2	66.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.1	67.4
≥ 4000	25.4	65.6	67.1	68.6	69.8	69.8	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.7	71.0
≥ 3500	25.6	67.9	69.5	71.0	72.2	72.2	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.4
≥ 3000	26.5	70.d	71.9	73.4	74.6	74.6	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.5	75.7
≥ 2500	26.9	71.9	74.1	75.7	77.1	77.1	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.4
≥ 2000	26.9	74.0	76.2	77.9	79.2	79.2	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.4	80.6
≥ 1800	26.9	75.4	77.7	79.5	80.8	80.8	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.0	82.2
≥ 1500	26.9	76.7	79.1	80.9	82.4	82.4	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.8	84.0
≥ 1200	26.9	77.7	80.3	82.4	84.1	84.1	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.8	86.0
≥ ,000	26.9	78.5	81.4	83.5	85.4	85.4	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	87.1	87.3
≥ 900	26.9	79.3	82.6	84.9	87.2	87.2	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.9	89.1
≥ 800	26.9	79.5	82.8	85.5	87.9	88.1	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.7	90.0
≥ 700	26.9	79.9	83.5	86.6	89.0	89.1	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.8	91.0
≥ 600	26.9	80.0	83.8	87.1	89.5	89.6	90.6	90.8	90.8	91.0	91.3	91.2	91.2	91.2	91.4	91.6
≥ 500	26.9	80.3	84.0	87.6	90.4	90.8	92.4	92.7	92.8	93.3	93.5	93.5	93.7	93.7	94.0	94.3
≥ 400	26.9	80.5	84.2	87.8	91.2	91.5	93.3	93.8	93.9	94.6	95.1	95.1	95.2	95.3	95.7	95.9
≥ 300	26.9	80.9	84.3	88.3	91.8	92.1	94.5	95.1	95.2	96.1	97.D	97.0	97.3	97.4	97.7	98.0
2 200	26.9	80.5	84.3	88.3	91.8	92.1	94.7	95.5	95.8	96.8	98.0	98.0	98.2	98.3	98.8	99.0
≥ 100	26.9	80.5	84.3	88.3	91.8	92.1	94.7	95.6	95.9	97.1	98.3	98.3	98.8	98.9	99.4	99.6
2 0	26.9	83.5	84.3	88.3	91.8	92.1	94.7	95.6	95.9	97.1	98.3	98.3	98.8	98.9	99.5	0.001

TOTAL NUMBER OF OBSERVATIONS ___

837

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE SESSIETE

1.

()

83

CEILING VERSUS VISIBILITY

VOARS

724240

FT KNOX/500MAN AAF KY

65-70,75-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 Houne (Le.T.)

CEILING							VIS	B LITY 574	ATUTE MILE	E S						
(FEE ²)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	2 %	≥ %	2 14	≥ 5/10	≥ %	≥0
NO CEILING	18.6	41.9	45.1	46.9	47.0	47.0	47.2	47.4	47.4	47.4	47.5	47.5	47.6	47.6	47.8	48.0
≥ 20000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 18000	19.2	43.7	45.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 16000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 14000	19.2	43.7	46.8	48.6	48.7	48.7	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.6	49.7
≥ 12000	19.6	44.3	47.4	49.2	49.4	49.4	49.6	49.8	49.8	49.8	49.9	49.9	50.0	50.0	50.3	50.4
≥ 10000	20.1	46.6	49.7	51.5	51.6	51.6	51.8	52.0	52.0	52.0	52.2	52.2	52.3	52.3	52.6	52.7
≥ 9000	20.3	46.9	50.0	51.8	51.9	51.9	52.2	52.4	52.5	52.5	52.6	52.6	52.7	52.7	53.0	53.1
≥ 8000	20.9	48.6	51.7	53.8	53.9	53.9	54.1	54.3	54 . 4	54.4	54.5	54.5	54.6	54.6	54.9	55.1
≥ 7000	21.4	50.1	53.2	55.3	55.4	55.4	55.6	55.9	56.0	56.0	56.1	56.1	56.2	56.2	56.6	56.7
≥ 6000	22.0	51.9	55.3		57.6			58.3				58.7	58.8			
≥ 5000	22.2	54.3	58.1	60.4	60.5	60.5	60.8	61.2	61.3	61.3	61.6	61.6	61.7	61.7	62.0	62.2
≥ 4500	22.6	56.2	60.1		62.8	62.9					64.1	64.1	64.2			64.6
2 4000	22.7	59.1	63.0	65.6		66.0		66.9	-		-	67.3	67.4	67.4	67.7	67.8
≥ 3500	22.7	60.6		67.1	67.4	67.5			68.6			68.9	-		69.4	69.5
≥ 3000	23.2	62.9	66.8	69.5	69.8			71.3			1			71.8	72.2	72.
≥ 2500	23.3	63.5		70.2			-			72.3		72.6	72.7			
≥ 2000	23.7	66.5	70.4					75.8				76.2	76.5	76.5	76.8	76.
≥ 1800	23.3	68.0	71.9		76.0	-			78.0			78.3				
≥ 1500	24.4	69.6									80.5	80.5	80.8	80.8	81.1	81.2
≥ 1200	24.5	70.8	-	-	80.3	-	-		82.6			82.9				83.5
≥ 1000	24.5	71.5								84.2		84.5	84.7			85.
> 900	24.5	72.2	76.6	81.3	82.6				85.7		86.0	86.0	86.2	86.2	86.6	86.
≥ 800	24.5	72.5		81.9	83.5					87.0			87.5			
≥ 700	24.6	73.2	77.7		84.6				85.2		88.5	88.5	88.7	88.7	89.0	89.
≥ 600	24.6	73.5		83.7	85.6	86.5			89.7		90.0	90.0	90.2			
≥ 500	24.6	73.5	78.6	84.1	86.2		90.2	-				91.9	92.3		92.7	92.
2 400	24 . 6	73.5		-	87.0					94.0		94.5	94.8		95.3	
≥ 300	24.6	73.5	78.7	84.5	87.3	89.1			94.6			96.3			97.7	97.8
≥ 200	24.6	73.5	78.7	84.5	87.3		Caracia Car				96.9		97.8			99
> 100	24.6	73.5		84.5	87.4	-					97.1	97.2				99.6
≥ 100	24.6	73.5		84.5	87.4			94.1							98.9	
	24.4	13.3	15.1	84.3	01.4	07.4	72.0	3401	74.9	73.0	7 (• 1	7102	70.1	70.4	70.7	.00.

TOTAL NUMBER OF OBSERVATIONS ____

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OBSOLETE

11

CEILING VERSUS VISIBILITY

724247

FT KNOX/GODMAN AAF KY

65-70,75-78

MAR MONTH

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1930-1100

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	2.3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ∀:	≥ 5/16	≥ 1/4	≥0
NO CEILING	27.0	44.8	45.4	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	27.7	46.8	47.3	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	46.3	48.3	48.3
≥ 18000	27.7	46.8	47.3	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	27.7	46.9	47.4	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	27.7	46.9	47.4	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	28.2	47.7	48.3	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	29.8	50.6	51.2	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	30.3	51.6	52.2	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	31.3	54.5	55.1	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	31.6	55.5	56.0	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	32.0	57.4	58.0	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	32.3	58.8	59.5	60.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	33.1	60.6	61.3	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000	33.2	62.2	63.0	63.8	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3500	33.7	63.3	64.4	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000	34 • 1	65.9	67.1	68.0	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2500	34.9	68.7	70 - 1	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	35.7	72.3	73.7	74.9	75.9	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	36.3	74.0	75.5	77.0	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	37.0	76.3	78.1	80.1	81.3	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	37.2	77.8	79.9	82.4	83.8	84.2	84 . 4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1000	37.2	79.0	81.3	84 . 1	85.6	86.0	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	37.3	80.0	82.3	85.1	86.7	87.2	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 800	37.3	80.5	83.0	85.9	87.6	88.3	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	37.3	80.8	83.4	86 . 7	88.7	89.5	90.1	90.2	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	37.3	81.1	83.9	87.4	89.6	90.9	91.7	91.8	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	37.3	81.4	84.2	88.1	90.3	91.9	93.5	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	37.3	81.4	84.2	88.1	90.4	92.0	94.0	94.6	95.5	96.1	96.5	96.6	96.6	96.6	96.6	96.6
≥ 300	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.1	96.1	97.2	97.7	97.8	98.1	98.1	98.2	98.2
≥ 200	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.2	97.3	98.0	98.1	98.5	98.7	99.2	99.2
≥ 100	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.5	97.5	98 • 2	98.3	98.7	98.9	99.6	100.0
≥ 0	37.3	81.4	84.2	88.2	90.5	92.2	94.2	95.2	96.5	97.5	98.2	98.3	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC JUL 00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1-1

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEUNG							VIS	18 LITY ST	ATUTE MIL	.ES						
(FEET)	≥10	≥6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥%	2%	≥5/16	≥ 4	≥0
NO CEILING	35.3	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.
≥ 20000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
≥ 18000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
≥ 16000	36.5	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49
≥ 14000	36.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.1
≥ 12000	37.5	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51 . 2	51.2	51.2	51.3
≥ 10000	39.4	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.
≥ 9000	39.8	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.
≥ 8000	40.3	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5		57.5	57.5	57.5	57.5	57.5	57.
≥ 7000	40.8	57.8	58.5	58.5	12.74	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	41.3	58.9	59.6		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
≥ 5000	41.7	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
≥ 4500	41.8	60.9	61.5		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
≥ 4000	42.4	62.9	63.8	64.0		64.0	64.0	64.D	64.0	1 7 1	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500	43.3	64.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.
≥ 3000	44.5	68.2	69.5	69.8		69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.
≥ 2500	45.4	72.4	74.1	74.9		74.9		75.2	75.3		75.4	75.4	75.4	75.4	75.4	75.1
≥ 2000	46.6	77.2	79.5	80.9		81.1	81.4	81.4	81.5		81.6	81.6	81 6	81.6	81.6	81.
≥ 1800	47.1	78.5	80.8	82.4	82.6	82.6		82.9	83.0		83.1	83.1	83.1	83.1	83.1	83.
≥ 1500	47.4		82.7		84.9	85.1	1000	85.6	-			2.2	85.9	85.9	85.9	85.
> 1200	47.5	81.9	-	87.1			85.4		85.7						88.4	
≥ 1200	47.5		84.9		87.4	87.5		88.1	88.2	88.4	88.4	88.4	90.8	88.4		88.
		83.1	86.6	88.8		89.6	90.2	90 4	90.5		90.8	90.8		90.8	90.8	90.
≥ 900	47.5	83.4	87.3	89.7	90.3	90.4	91.1	91.3	91.4		91.6	91.6	91.6	91.6	91.6	91.
	47.9	83.7	88.3	91.0	91.6	91.7	92.6	92.8	92.9		93.1	93.1	93.1	93.1	93.1	93.
≥ 700 ≥ 600	47.5	83.9	88.6			92.4	93.8	94.0	94.1	94.3	94.3	94.3		94.3	94.3	94.
	47.9	84.1	88.8	92.0	92.9	93.5	94.9	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.
≥ 500	47.5	84.2	88.9	92.4	93.5	94.3	96.2	96.5	96.6		97.0	97.0	97.0	97.0	97.0	97.
≥ 400	47.5	84.2	88.9	92.4	93.5	94.4	97.1	97.4	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98
≥ 300	47.5	84.2	88.9	92.4	93.5	94.4	97.1	97.4	97.7	98.4	98.7	98.7	98.7	98.8	98.8	98
200	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.2	99
> 100	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.8	99
≥ 0	47.5	84.2	88.9	92.4	93.5	94.5	97.3	97.7	98.2	98.8	99.1	99.1	99.1	99.2	99.8	130

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

724240

2

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L. 8.7.)

CEILING IPEET)		VISIBILITY STATUTE MILES														
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ፣%	≥11/4	≥1	≥ ¼	≥ %	≥ ₩.	≥ 5/16	≥ ¼	≥0
NO CEILING	34.2	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	36.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	36.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000	36.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	36.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	37.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50 . 6	50.6	50.6	50.6
≥ 10000	41.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56 . 3	56.3
≥ 9000	41.3	57.0	57.1	57.1	57.1	57.1	57.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	42.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 7000	42.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	43.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	44.1	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	45.2	64.7	64.9	65.3	65.3	65.3	65 - 3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	46.7	67.8	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	47.6	70.2	70.8	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	48.7	73.9	74.7	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	49.8	78.3	79.4	79.9	80.0	80.1	80.2	80.3	80.3	80.3	8C.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	51.0	81.4	83.0	84 . d	84.3	84.6	84 . 7	84.8	84 . 8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	51.0	82.2	84.0	85.1	85.4	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	51.0	83.5	85.7	87.2	87.7	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	51.1	84.7	87.6	89.6	90.3	90.8	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ ;000	51.1	84.7	87.8	90.0	91.1	91.5	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	51.1	85.4	88.5	90.9	91.9	92.4	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	51.1	85.5	88.9	91.3	92.5	92.9	93.8	94.0	99.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	51.1	85.6	89.1	91.5	92.7	93.2	94.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	51.1	85.6		91.7	93.2	94.1	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	51.1	85.7	89.4	91.9	93.8	94.6	96.6	97.1	97.1	97.5	97.6	98.0	98.0	98.0	98.0	
≥ 400	51.1	85.7	89.5	92.0	94.0	94.8	97.0	97.5		98.1	98.2	98.5	98.5	98.6		98.6
≥ 300	51.1	A5.7	89.5	92.0	94.0	95.2	97.3	97.8		98.5	98.6	99.0	99.0	99.1	99.1	99.1
≥ 200	51.1	85.7	89.5	92.0	94.0		97.4	98.0	98.1	98.6		99.1	99.1	99.2	99.2	99
> 100	51.1	85.7	89.5	92.0	94.0		97.4	98.0		98.7	98.8	99.2	99.4	99.5		-
2 0	51.1	85.7	89.5	92.0	94.0		97.4	98.0	1000		1500 15	100000 110	99.4			
	21.1	63.1	57.3	72.4	74.4	73.3	7104	70.U	70.1	98.7	75.0	77.6	77.4	77.5	77.3	1000

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 88 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OBSOLETE

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0

0

CEILING VERSUS VISIBILITY

724243 STATION

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

CERING (FEET)		VISIBILITY STATUTE MILES														
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/.	≥ 2	21%	21%	≥1	≥ ¼	≥ %	≥ %	25/16	≥ ′4	≥0
NO CEILING	27.4	48.5	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.
≥ 20000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ 18000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ 16000	28.7	52.4	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ 14000	28.9	52.8	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.
≥ 12000	29.6	54.6	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.
≥ 10000	31.4	59.9	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.
≥ 9900	32.0	61.5	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.
≥ 8000	32.9	63.9	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.
≥ 7000	33.2	65.4	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.
≥ 6000	33.4	66.6	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.
≥ 5000	34.0	67.6	68.5	68.6	68 . 8	68.8	68.8	68.8	68.8	68.8	68 . 8	68.8	68.8	68.8	68.8	68.8
≥ 4500	34.5	69.9	70.8	70.9	71.1	71.1	7 .1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	35.8	72.4	73.5	73.9	74.2	74.4	74.4	74.4	74 . 4	74.5	74.6	74.6	74 . 6	74.6	74.6	74.1
≥ 3500	36.9	75.1	76.5	76.8	77.1	77.3	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.
≥ 3000	37.1	77.8	79.5	80.0	80.3	80.5	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.
≥ 2500	37.7	80.0	81.7	82.4	82.9	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	37.7	81.5	83.7	84.6	85.4	85.6	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.
≥ 1800	37.7	83.3	85.7	87.Q	87.8	88.3	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.
≥ 1500	37.7	84.2	86.6	13.2	What a	89.6	1917	194	7.0	V 201 10 10 10 10 10 10 10 10 10 10 10 10 1	89.9	89.9	89.9	89.9		
≥ 1200	37.7	84.5	87.1	89.2	90.3	90.8	91.0		91.0		91.2	91.2	91.2	91.2	91.2	91.
≥ 1000	37.7	84.6	87.2	89.6	91.0	91.4	92.0	92.0			92.3	92.3	92.3		92.3	92.
≥ 900	37.7	84.7	87.3		91.6	92.0	92.8	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.
≥ 800	37.7	85.1	87.6	90.0	92.2	92.6	93.4		93.4		93.7	93.7	93.8	93.8	93.8	93.
≥ 700	37.7	85.4	88.0	90.4	92.6	93.0	93.9		93.9		94.2	94.2	94.3	94.3	94.3	94.
≥ 600	37.7	85.5	88.3	90.9	93.1	93.5			95.1		95.7	95.7			95.8	95.
> 500	37.7	85.5	88.3	90.9	93.5	94.0	95.4	95.8	95.8	96.3	96.6	96.7	96.9	96.9	96.9	96.
≥ 400	37.7	85.5	88.3	91.1	93.8	94.2		96.5	96.6		97.5	97.6	97.8	98.0	98.1	98.
≥ 300	37.7	85.5	88.3	91.1	93.8	94.3		96.7	96.8	97.4	97.8	98.3		98.7	98.8	98.
≥ 200	37.7	85.5	88.3	91.1	93.8	94.5	96.3		97.2		98.5	98.9	99.2	99.4	99.6	99.
> 100	37.7	85.5	88.3	91.1	93.8	94.5			-		98.5	98.9		99.6	99.8	99.
2 0	37.7	85.5	88.3	91.1	93.8	94.5				97.8		98.9		4.0		
	31.1	02.3	90.3	7401	73.0	77.3	70.3	7101	7106	71.0	70.3	79.7	77.3	77.0	77.0	LUU

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PROVIDUO ODITIONO OF THIS PORM ARE OSSOLOTE

CEILING VERSUS VISIBILIT

724240 FT KNOX/GODMAN AAF KY

65-70,75-78

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-23(HOURS (C.S.T.)

CEIUNG (FEET)		VISIBILITY STATUTE MILES														
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥%	≥ 5/16	≥ %	2
NO CERING	24.1	53.4	54.2	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55
≥ 20000	25.2	56.7	57.4	58.0	58 . 4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58
≥ 18000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58
≥ 16000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58
≥ 14000	25.2	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58 . 4	58.4	58.4	58.4	58.4	58
≥ 12000	25.	57.4	58.2		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59
≥ 10000	26.7	60.2	61.0		62.0	62.0	62.0	62.0	62.D	62.0		62.D	62.0	62.D	62.0	62
≥ 9000	26.1	60.5	61.3	61.9	62.4	62.4	62.4	62.4	62.4							
≥ 8000	27.1	63.3	64.1	64.7	65.3	65.3		65.3	65.3	65.3		65.3				_
≥ 7000	27.3	64.8	65.6		66.8	66.8		66.8		66.8		66.8	66.8	66.8		
≥ 6000	27.5	66.1	66.9		68.1	68.1		68.1	68.1	68.1	68.1		68.1	68.1	68.1	
≥ 5000	28.0	67.7	63.7	69.5	70.0	70.0	70.0	70.0		70.0				70.0		
> 4500	28.4	69.9	71.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7		72.7	72
≥ 4000	28.6	72.6	73.7	74.7	75.5	75.5	-		75.8	_	75.9	75.9	75.9			
≥ 3500	29.1	74.3	75.5		77.4	77.4	77.7	77.7			77.8		-			77
≥ 3000	29.5		77.2		79.2				77.7	77.8						
> 2500		78.1	79.2			79.2		79.7	79.7		-					
≥ 2000	29.7				81.8	81.8	Programme and the	82.4	82.4	82.5	82.5	82.5		0.00	1770	
	29.9	79.2	80.6		83.3	83.3	83.9	83.9		84.0		-		84.0		-
≥ 1800 ≥ 1500	29.9	80.6	82.0	83.7	84.8	84.8	85.4	85.4	85.4	96,000	85.5	85.5	COUNTY OF	12/1/2/		200
	29.9	81.9	83.3	85.4	87.1	87.2	87.7	87.7	87.7	88.0		88.0				-
≥ 1200	29.9	82.4	83.9	86.1	87.8	88.0	88.7	88.7	88.7	88.9	88.9	88.9	88.9	2110		
2 1000	29.9	82.8	84.4	86.7	88.4	88.5	89.8	89.8	89.8			90.0				90
≥ 900	29.9	83.0	84.7	87.0	88.9	89.1	90.4	90 . 4	90.4	91.0	91.0	91.0	91.0			
≥ 800	29.9	83.1	84.9	87.2	89.4	89.6	90.9	91.0	91.1	91.7	91.7	91.7	91.7		91.9	91
≥ 700	29.9	83.3	85.3	87.6	90.1	90.3	91.6	91.7	91.8	92.5	92.5	92.5	92.5	92.5	92.7	92
≥ 600	29.9	83.5	85.7	88.2	91.0	91.3	92.6	92.8	92.9	93.7	94.1	94.1	94.1	94.1	94.3	94
≥ 500	29.9	83.7	86.0	88.9	91.8	92.2	93.8	94.3	94.5	95.5	95.9	95.9	95.9	95.9	96.1	96
≥ 400	29.9	83.8	86.5	89.7	92.6	93.1	95.2	95.9	96.1	97.2	97.6	97.6	97.6	97.6	97.8	97
≥ 300	29.9	83.8	86.5	89.7	92.8	93.3	95.5	96.3	96.8	98 . D	98.7	98.9	99.0	99.0	99.2	95
≥ 200	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9	98.1	98.8	99.0	99.2	99.2	99.5	95
> 100	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9	98.1	98.8	99.0	99.2	99.4	99.6	91
≥ 0	29.9	83.8	86.5	89.7	92.8	93.3	95.6	96.5	96.9		98.8	99.0	99.2	99.4	99.6	101

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILIT

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S. Y.

CEILING							V15	BLITY ST	ATUTE MIL	ES						
(FEE")	≥10	≥6	≥ 5	24	≥ 3	≥ 21/.	≥ 2	≥1%	≥11/4	≥1	≥ ¼	≥ %	≥ ∀:	≥ 5/16	≥ ¼	2
NO CEILING	26.7	47.6	48.3	48.9	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	40
≥ 20000	27.7	50.4	51.2	51.7	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52
≥ 18000	27.7	50.5	51.3	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52
≥ 16000	27.7	50.5	51.3	51.8	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	5
≥ 14000	27.7	50.6	51.4	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	5:
≥ 12000	28.3	51.7	52.5	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	5
≥ 10000	29.7	54.9	55.7	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56
≥ 9000	30.0	55.5	56.3	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57,4	57.5	5
≥ 8000	30.7	57.9	58.8	59.4	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60
≥ 7000	31.0	59.1	60.0	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	6
≥ 6000	31.5	60.5	61.5	62.1	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62
≥ 5000	31.9	62.3	63.3	64.1	64.5	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64
≥ 4500	32.5	64.1	65.2	66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	6
≥ 4000	33.0	66.6	67.8	68.9	69.5	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	71
≥ 3500	33.7	68.6	70.0	71.1	71 . 7	71.8	72.0	72 . 1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72
≥ 3000	34.3	71.1	72.7	73.9	74.5	74.6	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	7
≥ 2500	34.9	73.6	75.4	76.7	77.5	77.6	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.3	71
≥ 2000	35.3	76.2	78.2	79.8	83.7	80.9	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	61.7	8
≥ 1800	35.5	77.6	79.7	81.5	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	8
≥ 1500	35.7	79.0	81.2	83.3	84.5	84.8	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7	8
≥ 1200	35.8	80.0	82.5	85.0	86.3	86.6	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	8
≥ 1000	35.8	80.6	83.3	86.0	87.5	87.8	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.1	8
≥ 900	35.8	81.1	84.0	86.8	88.4	88.8	89.6	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.3	9
≥ 800	35.8	81.4	84.4	87.4	89.2	89.6	90.6	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.3	9
≥ 700	35.9	81.7	84.9	88.0	90.0	90.4	91.6	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.4	9
≥ 600	35.9	81.9	85.3	88.6	90.7	91.5	92.7	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.7	9
≥ 500	35.9	82.0	85.4	89.1	91.5	92.4	94.0	94.5	94.7	95.1	95.3	95.4	95.5	95.5	95.6	5
≥ 400	35.9	82.1	85.5	89.3	92.0	93.0	95.0	95.7	96.0	96.6	96.9	97.0	97.1	97.1	97.2	5
≥ 300	35.9	82.1	85.5	89.4	92.2	93.2	95.4	96.2	96.6	97.4	97.9	98.1	98.4	98.5	98.6	1
≥ 200	35.9	82.1	85.5	89.4	92.2	93.2	95.6	96.4	96.9	97.6	98.3	98.6	98.9	99.0	99.2	1
> 100	35.9	82.1	85.5	89.4	92.2	93.3	95.6	96.4	96.9	97.7	98.5	98.7	99.0	99.2	99.6	T
≥ 0	35.9	82.1	85.5	89.4	92.2	93.3	95.6	96.4	96.9	97.7	98.5	98.7	99.0	99.2	99.6	1

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS SEITIONS OF THIS PERM AND SECOLE

10

CEILING VERSUS VISIBILITY

724240

0

0

FT KNOX/GODMAN AAF KY

65-70,75-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
IFEE?)	≥10	≥ 6	≥ 5	≥4	≥ 3	≥ 2 %	≥ 2	≥ 1 %	≥1%	≥1	≥ ¼	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	27.0	57.0	57.3 59.8			57.8	57.9 60.4	58.1 60.6	58.1	58.1 60.6	58.1 60.6	58.1	58.1	58.1	58.1	58.
≥ 18000 ≥ 16000	27.0	59.5	59.8	60.0		60.2	60.4	60.6	60.6	60.6 60.6	60.6	60.6	60.6	60.6	60.6	60.
≥ 14000 ≥ 12000	27.4	59.9	60.1	60.4	60.5	60.6	60.7	61.0	61.0		61.0	61.0	61.0	61.0	61.0	61.
≥ 10000 ≥ 9000	28.8	62.2	62.5	62.7	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
≥ 8000 ≥ 7000	29.4	66.8	67.3	67.5	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 6000 ≥ 5000	30.4	70.0	70.5		71.0	71.1	71.2	71.5	71.5	-	71.5	71.5	71.5	71.5	71.5	-
≥ 4500 ≥ 4000	33.1	76.8	77.4	78.0		78.5	78.8	79.0	79.0	79.0 82.6	79.0	79.0	79.0	79.0	79.0	
≥ 3500 ≥ 3000	34.4	81.4	82.3	83.2		83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
≥ 2500 ≥ 2000	35.8	86.2	87.3	88.3	89.0	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89
≥ 1800 ≥ 1500	35.8 35.8	88.1	89.5		91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92
≥ 1200 ≥ 1000	35.9	90.1	91.6	92.8	93.7	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94
≥ 900 ≥ 800	35.9	90.9	92.5	94.0	94.8	95.1	95.3	95.6	95.7	95.7 96.0	95.7	95.7	95.7	95.7	95.7 96.0	95
≥ 700 ≥ 600	35.9	91.5	93.1	94.7	95.7	95.9	96.2	96.4	96.5		96.5	96.5	96.5	96.5 97.0	96.5	96
≥ 500 ≥ 400	35.9	91.6	93.7	95.3	96.8	97.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	91
≥ 300 ≥ 200	35.9	91.7	93.8	95.8	97.7	98.0	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.5	99.5	-
≥ 100 ≥ 0	35.9	91.7	93.8	95.8	97.7	98.1	98.5	98.9	99.1	99.3	99.6		99.9	99.9	99.9	101

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIN 0-14-5 (OL A) PROVIOUS SETTIONS OF THIS FORM ARE OSSOLUTE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ٧;	≥ 5/16	≥ %	≥0
NO CEILING	22.3	54.0	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.5
≥ 20000	22.8	56.1	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 18000	22.9	56.1	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 16000	22.3	56.1	56.7	57.0	57.2		57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 14000	23.2	56.5	57.1	57.3	57.6		57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	
≥ 12000	23.6	57.2	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.
≥ 10000	24.5	60.0	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61 - 3	61.5
≥ 9000	24.7	60.7	61.3	61.5	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.
≥ 8000	25.2	63.9	64.5	64.7	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.
≥ 7000	25.2	64.5	65.1	65.4	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66 . !
≥ 6000	26.3	66.7	67.4	67.8	68.3	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.
≥ 5000	26.5	69.5	70.9	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.
≥ 4500	27.0	71.6	73.2	73.9	74.5	74.5	74.7	74 . 7	74 . 7	74.8	74.8	74.8	75.0	75.0	75.0	75 .
≥ 4000	27.4	74.4	76.3	76.9	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.
≥ 3500	27.7	75.8	77.9	78.7	79.4	79.4	79 - 7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.
≥ 3000	28.1	77.1	79.3	80.0	80.8	80.8	81.1	81.1	81 . 1	81.3	81.3	81.3	81.4	81.4	81.4	81.
≥ 2500	28.7	79.8	82.2	83.0	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84 .
≥ 2000	29.3	82.7	85.2	86.3	87.4	87.4	88.0	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	98.
≥ 1800	29.3	84.0	86.6	87.7	88.9	88.9	89.5	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	90 .
≥ 1500	29.7	85.8	88.5	89.8	91.0	91.0	91.6	91.6	91.6	91.7	91.7	91.7	91.9	91.9	91.9	92.
≥ 1200	29.7	86.7	89.6	91.1	92.4	92.4	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.
≥ 1000	29.7	87.4	90.4	92.0	93.3	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.
≥ 900	29.7	87.8	90.9	92.5	93.8	94.1	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.
≥ 800	29.7	87.8	93.9	92.7	94 - 1	94.3	94.9	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.
≥ 700	29.7	88.2	91.4	93.2	94.6	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	96.
≥ 600	29.7	88.3	91.5	93.5	94.8	95.2	95.8	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.
≥ 500	29.7	88.3	91.5	93.5	94.9	95.3	95.9	95.9	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.
≥ 400	29.7	88.5	91.7	93.7	95.3	95.7	96.3	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	97.1
≥ 300	29.7	88.5	91.7	94.2	95.9	96.3	96.9	97.2	97.2	97.7	97.8	97.8	98.3	98.0	98.0	98.
≥ 200	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.5	98.8	98.8	99.1	99.
> 100	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.6	99.0	99.0	99.4	99.8
≥ 0	29.7	88.5	91.7	94.3	96.3	96.7	97.3	97.7	97.7	98.4	98.5	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ___

811

USAF ETAC POOM 0-14-5 (OL A) PROVIOUS EDITIONS OF THIS POSM ASS SECULETE

1 .

CEILING VERSUS VISIBILITY

724240

0

0

2

FT KNOX/GODMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

D600-0803

CEILING							VIS	BILITY ST	ATUTE MIL	ES.						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⊬.	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	21.8	47.6	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.7	50.7	50.7		50.7	50.7	50.7
≥ 18000 ≥ 16000	23.2	50.8	52.8	53.4	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0 54.0	54.C	54.0
≥ 14000 ≥ 12000	23.4	51.4	53.4	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 10000	23.9	51.8 56.0	58.0	58 - 8	54.9	54.9	54.9	54.9	54.9	55.1	59.3	59.3	55.1	55.1	59.3	55
≥ 9000 ≥ 8000	25.9	57.2	59.3	63.8	64.2	64.2	64.2	60.6	60.6	60.8	64.6	69.8	60.9	60.9	60.9	64.
≥ 7000 ≥ 6000	27.6	62.0	64.6	65.6	66.0	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 5000	29.1	63.7	69.9	71.0	68.2 71.4	71.4	68.2 71.4		71.7	68.7 71.9	68.7	68.7	68.8 72.0		68.8 72.0	
≥ 4500 ≥ 4000	29.4	69.6	71.1	72.3 74.0	72.9 74.8	72.9	72.9	73.1 75.2	73.1 75.2	73.3	73.3 75.4	73.3	73.4	73.4	73.4	73.
≥ 3500 ≥ 3000	30.7	70.6	73.8	75.2	76.0 78.0	76.0	76.0	76.4	76.4	76.7 78.8	76 • 7 78 • 8	76.7 78.8	76.8 78.9	76.8 78.9	76 · 8	76.
≥ 2500 ≥ 2000	31.3	74.8	78.3 82.8	79.9	80.9	80.9	80.9	81.4	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.
≥ 1800	32.4	79.9	83.7	85.7	86.8	86.8	86.9	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.
≥ 1200 ≥ 1000	32.9	82.0	85.9	87.3	88.8	89.9	90.0	89.7 90.7	90.7	90.9	90.9	90.9	91.0		91.0	91.
≥ 900	33.3	82.9	87.8	90.3	91.2	92.6	91.6		93.6	92.6		93.8	92.7	92.7	93.9	
≥ 800	33.4	83.6	88.2	90.9	92.7	93.1	93.3	94.7	94.1	94.3	94.3	94.3		94.4	94.4	
≥ 600 ≥ 500	33.4	84.2	88.9	91.8	93.7	94.2	94.7	95.6	95.7		95.9	and the same	96.0	96.0	96.0	
≥ 400 ≥ 300	33.6	84.7	89.3	92.4	94.8	95.6				97.6		97.7	97.8		97.8	98.
≥ 200	33.6	84.7	89.3	92.4	94.8	95.6	96.4	97.8	98.1	98.4	98.8	93.8	99.2	99.2	98.8	
≥ 100 ≥ 0	33.6	84.7	89.3	92.4	94.8	95.6	96.4	97.8			98.8	98.8	99.4		99.4	

TOTAL NUMBER OF OBSERVATIONS ___

900

USAF ETAC JUL M 0-14-5 (OL A) PROVIDUO EDITIONO OF THIS FORM ARE OSSOLETE

\$ P

CEILING VERSUS VISIBILITY

724240

0

FT KNOX/GODMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY ST	ATUTE MILI	E5						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	21%	≥1	≥ ¼	≥ %	≥%	≥5/16	≥ 16	≥0
NO CEILING	34.8	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	37.2	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	37.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	37.4	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	35.2
≥ 14000	38.0	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	38 . 1	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	39.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	40.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	41.2	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	42.2	65.6	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000	43.4	67.6	68.1	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	44.0	69.2	69.8	70.4	70.4	70.6	70 . 6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	44.2	70.3	70.9	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	44.6	72.1	72.9	73.8	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	45.3	73.6	74.6	75.7	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	47.2	76.3	77.3	78.4	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	47.8	79.4	80.8	81.9	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	49.4	83.6	85.2	86.7	87.0	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	49.4	84.1	85.8	87.3	87.7	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	50.2	85.6	87.3	88.9	89.3	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	51.1	87.2	89.4	91.0	91.6	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	51.4	98.6	90.9	92.6	93.2	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	51.6	89.3	91.8	93.6	94.3	94.8	95.0	95.1	95 . 1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	51 . 7	90.0	92.6	94.3	95.1	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	51.7	90.2	92.8	94.7	95.6	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.€	96.8	96.8
≥ 600	51.7	90.3	92.9	94.8	95.8	96.6	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	51.7	90.4	93.0	94.9	96.0	96.8	97.8		97.9	98.0		98.2	98.2	98.2	98.2	98.2
≥ 400	51.7	90.4	93.0	95.0	96.1	96.9	98.1	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	51.7	90.6	93.1	95.1	96.3	97.1	98.3	99.0	99.0	99.3	99.6	99.6	90.6	99.7	99.8	99.8
≥ 200	51.7	90.6	93.1	95.1	96.3	97.1	98.3		99.0	99.3	99.6	99.7	99.8	99.9	00.0	00.0
> 100	51.7	90.6	93.1	95.1	96.3	97.1	98.3		99.0	99.3	99.6	99.7	99.8	99.9	00.0	
2 0	51.7	90.6	93.1	95.1	2		98.3	99.0		99.3	99.6	99.7	99.8	99.9	0.00	00.0

TOTAL NUMBER OF OBSERVATIONS _

900

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE SEEDLETS

CEILING VERSUS VISIBILITY

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1406 HOURS (L.S.T.)

CERNG							VI5	8 LITY 57	ATUTE MILI	ES						
(FEE")	≥10	≥6	≥ 5	≥ 4	≥ 3	22%	≥ 2	≥1%	≥1%	2.1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '4	≥0
NO CEILING	37.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	39.4	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	39.7	54.2	54.6	54.6	54 . 6	54.6	54 . 6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54 . 6	54.6
≥ 16000	39.7	54.2	54.6	54 . 6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54 . 6	54.6	54.6	54.6
≥ 14000	40.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	41.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	43.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	44.0	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	45.4	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	46.2	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 6000	47.2	68.0	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	47.8	69.4	70 - 1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	48.7	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	50.1	74.6	75.2	75.9		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	51.2	76.2	77.0	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	53.6	80.7	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	62.8	82.8
≥ 2500	55.4	85.0	86.3	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	56.9	88.2	89.8	90.9	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	56.9	88.6	90.1	91.2	91.7	91.7	91.9	92.0	92 . D	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	57.1	90.0	91.8	92.9	93.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	58 . 1	91.6	93.3	94.6	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3		95.3	95.3
≥ 1000	58.3	92.8	94.6	96.0	96.4	96.4	96.7	96 . 8	96.8			96.8	96 . 8	96.8	96.8	96.8
≥ 900	58.3	93.3	95.1	96.6	97.0	97.0	97.2		97.3	97.3		97.3	97.3	97.3	97.3	97.3
≥ 800	58.6	93.6	95.3	96.8	97.2	97.2	97.6		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	58.6	93.9	95.7	97.2	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	58.6	94.0	95.9	97.4	98.1	98.3	98.9		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	58.6	94.0	95.9	97.4	98.1	93.3	99.0	99.3	99.3		99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.3	99.3		99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.3	99.3		99.8	99.8	99.8	99.8	99.5	99.8
≥ 200	58.6	94.0	95.9	97.4	98.1	98.3	99.0	99.4			100.0					
> 100	58.6	94.0	95.9	97.4		98.3	99.0	-			100.0					
2 0	58.6	94.0	95.0	97.4	98.1	98.3	99.0				100.0					100.0
	20.4	74.9	,,,,,,	71.0	70.4	70.3	,,,u	7707	77.07	200.0	200.0	200.0	00.0	20.0	00.0	

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC JUL 00 0-14-5 (OL A) PREVIOUS SSITIONS OF THIS FORM SHE SHESSLETE

CEILING VERSUS VISIBILITY

724240

0

FT KNOX/GODMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CELING							VIS	B LITY ST.	ATUTE MIL	ES						
/+EE">	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ₩.	≥ 5/10	2%	≥0
O CEILING	38.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	41.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	5€ . 6		58.6
≥ 18000	41.4	58.6	58.6	58 . 6	58.6	58.6	58.6	58.6	58.6	58.6	58 . 6	58.6	58.6	58.6	58.6	58.6
≥ 16000	41.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58 . 7	58.7	58.7	58.7	58 . 7	58.7	58.7	58.7
≥ 14000	42.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	42.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
20000 ≤	45.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	46.2	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	48.9	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.5
≥ 7000	50 - 1	71.8	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	50.6	72.8	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	51.2	74.9	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.
≥ 4500	52.0	76.4	77.2	77 . 3	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.1
≥ 4000	54.0	79.4	80.7	80.8	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	55.2	81.9	83.1	83.2	83.6	83.8	84.0	84.D	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 3000	56.3	84.2	85.6	85.7	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86 . 4	86.4	86.4	86.4
≥ 2500	58.3	88.7	90.1	90.2	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.
≥ 2000	59.1	91.8	93.4	93.6	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.
≥ 1800	59.2	92.1	93.8	93.9	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1500	59.3	93.1	95.0	95.1	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.
≥ 1200	59.3	93.8	95.7	95 . 8	96.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	59.3	94.2	96.2	96.3	97.0	97.2	97.7	97.8	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	59.3	94.3	96.3	96.6	97.3	97.6	98.0	96 - 1	98.1	98.1	96.1	98.1	98.2	96.2	98.2	98.2
≥ 800	59.3	94.3	96.3	96.8	97.8	98.0	98.6	98.7	98 . 7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	59.3	94.3	96.3	96.8	97.8	98.0	98.6	98 . 7	98 . 7	98.7	98.7	98.7	98.8	96.8	98.8	98.8
≥ 600	59.3	94.3	96.3	96 . 8	98.0	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	59.3	94.3	96.3	96.8	98.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99
≥ 400	59.3	94.3	96.3	96.8		98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.
≥ 300	59.3	94.6	96.6	97.1		98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	00.0	100.0
≥ 200	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	00.0	100.0
> 100	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.8	99.9	99.9	99.9	99.9	10.00	00.0	00.0	100.0
≥ 0	59.3	94.6	96.6	97.1	98.4	98.7	99.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _

900

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS STITIONS OF THIS PERM ARE SECULATE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURE (L.S.T.)

CELLING							VIS	B LITY ST	ATUTE MIL	E5						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	21	≥ 4	≥ %	≥ %:	≥ 5/16	≥ ¼	≥¢
NO CEILING ≥ 20000	34.1	54.8	54.3	54.3		54.3		54.3								54.3
≥ 18000									60.5			60.8			60.8	60.8
≥ 16000	37.0	60.2	60.8	60.8	60.8		60.8	8.09	60.8	60.8	60.8		60.8	8.00	60.8	60.8 6D.8
≥ 14000	37.6	61.0	61.6	61.6	61.6		61.6	61.6			61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	38.2	62.1	62.7	62.7	62.7		62.7			62.7		62.7		62.7		62.7
≥ 10000	40.7	66.7	67.2	67.2	67.2		67.2	67.2					67.2		67.2	67.2
2 9000	40 7	67.6	68.1	68 1	68.1	68.1	68.1	68.1			68.1		68.1	68.1	68.1	68.1
> 8000	41.9	71.2	71.8	71.8	71.8	71.8				71.8			71.8			71.8
≥ 7000	42.7	73.0	73.6	73.6	73.7		73.7			73.7		1				
> 6000	42.8	74.2	74.8	74.8	74.9	74.9	74.9		74.9				74.9			74.9
≥ 5000	43.9	77.8	78.4	78.6	78 7		78.7			78.7						
≥ 4500	44.7	79.6	80.3	80.4	80.7	80.7	80.7	-					80.7			
≥ 4000	46.4	84 0	85.1	85.4	85.7		-		85.7						85.7	85.7
≥ 3500	47.3	86.4	87.6	87.9	88.1		88.1	88.1						88.1		88.1
≥ 3000	48 1	38.6	89.7	90.1	90.3				90.3		77.2		93.3	-		
≥ 2500	48.4	90.4	91.7	92.2	92.6	92.6	92.6	92.6						92.6	92.6	92.6
≥ 2000	48.7	91.8	93.0	93.6	93.9		93.9	93.9		93.9						93.9
≥ 1800	48	91.8	93.2	93.8	94.2		94.2	94.2			94.2					
≥ 1500	48.7	92.3	94.0	94.6	95.0	95.0	95.2							95.2	95.2	95.2
≥ 1200	49.0	93.3	95.1	95.8	96.2	96.2	96.4	96.4		96.4	96.4		96.4	96.4	96.4	96.4
≥ ,000	49.0	93.8	95.6	96.2	96.9	96.9	97.1		97.1		97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	49.0	93.8	95.6	96.2	97.0	97.0	97.2	97.2		-	97.2		97.2	97.2	97.2	97.2
≥ 800	49.1	94.1	96.0	96.7	97.4	97.6	97.8					97.8				97.8
≥ 700	49.0	94.1	96.0	96.8	97.7	97.8	98.1	98.1	98.1	98.1	98.1		98.1	98.1	98.1	98.1
≥ 600	49.0	94.1	96.0	96.9	98.0		98.6				98.6			98.6		
≥ 500	49.0	94.2	96.1	97.1	98.4		99.0	99.0	99.1	99.2	99.2		99.2	99.2	99.2	99.2
≥ 400	49.0	94.4	96.3	97.3	98.8		99.3				99.6		99.6	99.6		99.6
≥ 300	49.0	94.4	96.3	97.4	98.9	99.1	99.6	99.6	99.7	99.9	99.9		99.9	99.9	99.9	99.9
≥ 200	49.0	94.4	96.3	97.4	99.0	99.2	99.7	99.7		100.0						
> 100	49.0	94.4	96.3	97.4	99.0	99.2	99.7	99.7		100.0						
≥ 0	49.0	94.4	96.3	97.4	99.1		99.7			100.0						

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS SOLTIONS OF THIS PORL ARE SECULOTE

CEILING VERSUS VISIBILIT

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230

CEILING							VIS	BLITY ST	ATUTE MILI	ES						
fFEE")	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥ 1 ½	≥1%	≥1	≥ ¾	≥ %	≥ ⊬;	≥ 5/16	≥ ′4	2
NO CEILING	31.0	58.2	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58
≥ 20000	31.8	62.6	52.8	63.0	63 - 1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63
≥ 18000	31.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63
≥ 16000	31.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63
≥ 14000	32.1	63.D	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63
≥ 12006	32.5	64.0	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64
≥ 10000	32.9	65.6	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66
≥ 9000	33.1	66.7	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67
≥ 8000	34.4	71.5	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72
≥ 7000	34.4	72.7	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73
≥ 6000	34.7	74.3	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75
≥ 5000	35.2	76.5	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77
≥ 4500	36.4	78.6	79.5	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80
≥ 4000	37.5	81.6	82.6	83.1	83.	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83
≥ 3500	38.4	84.0	85.0	85.4	85.5	85.5	85 . 5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85
≥ 3000	38.6	86.0	87.0	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	67.7	87
≥ 2500	39.3	88.4	89.4	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90
≥ 2000	39.6	90.1	91.3	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92
≥ 1800	39.6	91.0	92.2	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93
≥ 1500	39.6	91.4	92.8	93.2	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93
≥ 1200	39.7	92.1	93.5	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94
≥ +000	39.7	92.8	94.2	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95
≥ 900	39.7	92.8	94.5	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96
≥ 800	39.7	93.0	94.8	95.9	96.6	96.7	96.7	96.8	96 . 8	96.8	96.8	96.8	96.8	96.8	95.8	96
≥ 700	39.7	93.2	95.1	96.2	96.9	97.0	97.	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97
≥ 600	39.7	93.2	95.1	96.6	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97
≥ 500	39.7	93.2	95.1	97.0	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98
≥ 400	39.7	93.2	95.1	97.3	98.2	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	91
≥ 300	39.7	93.2	95.1	97.3	98.2	98.3	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	91
≥ 200	39.7	93.2	95.1	97.3	98.3	98.4	98.9	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	91
≥ 100	39.7	93.2	95.1	97.3	98.3	98.4	98.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	101
≥ 0	39.7	93.2	95.1	97.3	98.3	08.4	98.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	10

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JULES 0-14-5 (OL A) PROVIOUS ODITIONS OF THIS FORM AND OBSOLETO

CEILING VERSUS VISIBILIT'

724249

C

FT KNOX/GODMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILNG							VIS	8 LITY ST	ATUTE MIL	ŧs.			-			
(FEE")	210	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	30.7	52.9 57.0			53.6	53.6						53.7 57.9		53.7	53.7	-
≥ 18000 ≥ 16000	32 • 7 32 • 8	57.1 57.2			57.9 58.0	57.9 58.0					58.0	58.0 58.1		58.C	58.D	58.
≥ 14000 ≥ 12000	33.2 33.8	57.7 58.6	58.3 59.2	58.4	58 · 5						58.6	58.6		58.6	58.6	
≥ 10000 ≤	35.2 35.7	61.7	62.3	62.4	62.5	62.5				62.6		62.6		62.6		
≥ 8000 ≥ 7000	36.9 37.5	66.4	67.1	67.4 69.0	67.5	67.5				67.7	67.7	67.7		67.7	67.7	
≥ 6000 ≥ 5000	38.3	69.7	70.6	71.0 73.6	71.1	71.2		_		71.3		71.3		71.3	71.3	
≥ 4500 ≥ 4000	39.6	74.1	75.2 78.3	75.7 78.9	76.0	76.0	76.1	76.2	76.2			76.2 79.6				76.
≥ 3500 ≥ 3000	41.5	78.7 81.0	80.2	80.9	81 • 2	81.3						81.5		81.6	81.6	81.
≥ 2500 ≥ 2000	43.4	84.1	85.8	86.6	27.1 90.3	87.2 90.4		87.5				87.5			87.6	
≥ 1800 ≥ 1500	44.5	87.5		90.4	91.1	91.2		91.5			91.6	91.6	91.6	91.6	91.6	91.
≥ 1200 ≥ 1000	44.8	89.6	91.8		93.7	93.9		94.3			94.4	94.4		94.4	94.4	94
≥ 900 ≥ 800	44.9	90.7	93.1		95.3		95.8	96.0 96.5			96.1			96 · 1	96.1 96.7	96
≥ 700 ≥ 600	45.0	91.2	93.6		96.1				97.0			97.0		97.1 97.6	97.1 97.6	97
≥ 500 ≥ 400	45.0	91.4	93.9		96.9						98.2	98.2		98.2		
≥ 300 ≥ 200	45.0	91.5	94.0		97.4				98 · 8		99.2	99.2			99.3	
≥ 100 ≥ 0	45.0		94.0		97.4			98.9			99.5		99.8			

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 84 0-14-5 (OL A) PREVIOUS ROITIONS OF THIS PORM ARE OREOLETE

76

CEILING VERSUS VISIBILIT

724243

FT KNOX/GODMAN AAF KY

65-70,75-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEE:)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/5	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	21.9	60.8			64.5	64.6		64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65
≥ 18000 ≥ 16000	21.9	63.1	65.7	66.8	66.9	67.0	-	67.1	67.1 67.1	67.1	67.1	67.1	67.1	67.1	67.4	67
≥ 14000 ≥ 12000	21.9	64.6	65.8	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.
≥ 10000 ≥ 9000	22.9	67.7	71.1	72.5	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.
≥ 8000 ≥ 7000	23.9	70.6	74.3	75.8	76.1 78.3	76.4	76.5	76.5	76.5	76.5		76.5	76.5		76.7	76
≥ 6000 ≥ 5000	25.1	75.1	79.1	80.6	80.9	81.2	81.3	81.3	81.3	81.3		81.3	81.3	81.3	81.5	81
≥ 4500 ≥ 4000	26.0 26.4	79.3	83.5		85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86
≥ 3500 ≥ 3000	26.4	82.0 83.0	86.6		89.0	89.2	89.3	89.3	89.3	89.3	89.3		89.3	89.3	89.6	89
≥ 2500 ≥ 2000	26.4	84.3	89.0		91.6	91.8	92.0	92.0	92.0	92.0	92.0		92.D	92.0	92.2	-
≥ 1800 ≥ 1500	26.4	85.9	90.8	92.8	93.8	94.0	94 • 1 95 • D	94.1	94.1	94.1 95.0	94.1	94.1	94.1	94.1	94.4	94
≥ 1200 ≥ 1000	26.4	87.2	92.2	1	95.9	96.2		96.3	96.3		96.3	96.3	96.3	96.3 97.1	96.5	96
≥ 900 ≥ 800	26.4	87.5	92.9		97.0	97.2		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6 98.0	97 98
≥ 700 ≥ 600	26.4	88.0	93.4		97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98 98
≥ 500 ≥ 400	26 · 4 26 · 4	88.0	93.4		97.7	98.0	98.2 98.6	98.2		98.2	98.2	98.2	98.2	98.2	98.4	98 99
≥ 300 ≥ 200	26.4 26.4	88.0	93.4		97.7	98.0	98.6 98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.2	
≥ 100 ≥ 0	26.4	88.0	93.4		97.7	98.0	98.6 98.6	98.7			99.3		99.3	99.3	99.5	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILIT

FT KNOX/GOOMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-050

CEILING							VIS	18 LITY 51	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ №	≥ 5/18	≥ ¼	≥ (
NO CEILING ≥ 20000	19.2	53.1				59.3		60.1	60.1 64.1		60.1	60.1		60.1	60.1	60
≥ 18000 ≥ 16000	19.2	55.8	60.2			63.3				64.2	64.2		64.2		64.4	64
≥ 14000 ≥ 12000	19.2	55.9		62.6	63.2		64.1	64.4	64.4		64.4	64.4	64.4	64.5	64.5	64
≥ 10000	20.4	61.9	66.4	69.0	69.6		70.6	70.9	70.9	70.9	70.9	70.9	70.9	71.1		
≥ 8000 ≥ 7000	21.5	66.0	70.7	73.6	74.3	74.5	75.3		75.7	75.7	75.7		75.7	75.8	75.8	76
≥ 6000 ≥ 5000	21.9	68.6		76.7	77.4	77.7	78.5		78.8	78.8		78.8	78.8			79
≥ 4500 ≥ 4000	22.2	72.2	77.8	80.9	81.9	82.2	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	
≥ 3500 ≥ 3000	22.3	74.3	80.2	83.8	85.1	85.4	86.3		86 - 7	86.7	86.7	86.7	86.7	86.8	86.8	87
≥ 2500 ≥ 2000	22.3	75.7	81.7	85.5	86.9	87.3		88.5	88.5	88.7	88.7	88.7	88.7	88.8	88.8	89
≥ 1800 ≥ 1500	22.3	77.2		88.0		90.0	91.0	91.3	91.3	91.4		91.6	91.6		91.7	92
≥ 1200 ≥ 1000	22.3	78.8	86.0	89.9	91.9	92.2	93.5	93.9		94.0			94.1	94.2	94.2	94
≥ 900 ≥ 800	22.3	79.4	86.7	90.9	93.1			95.0	95.0	95.1	95.3					95
≥ 700 ≥ 600	22.3	79.7	87.3	91.6	93.9	94.2	95.7	96.1	96.1	96.2	96.3	96.3			96.4	96
≥ 500 ≥ 400	22.3	79.7	87.4	91.9	94.7	95.0	96.9	97.3	97.5		97.7	97.7	97.7	97.8	97.8	98
≥ 300 ≥ 200	22.3	79.9	87.5	92.2	95.3	95.7	97.7	98 · 1	98.3	100	98.6	98.6	98 • 6 98 • 6		98.8 98.8	99 99
≥ 100 ≥ 0	22.3	79.9	87.5	92.2	95.3	95.7	97.7		98.3				98.7 98.7	99.1	99.2	99

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ECITIONS OF THIS FORM ARE OSSOLETE

(1)

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CEILING VERSUS VISIBILIT

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FT KNOX/GODMAN AAF KY

65-70,75-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-08

CEILING							V15	BILITY ST.	ATUTE MIL	ES						
(#867)	≥10	≥ 6	≥5	≥ 4	≥3	≥2%	≥ ?	≥1%	21%	≥1	≥ %	≥ %	≥⊬	≥ 5/16	≥ ¼	2
NO CERING ≥ 20000	24.8	47.7	50.8		55 · 8 59 · 4		57.4 61.1			57.7	57.7 61.4	57.7 61.4	57.8 61.5	57.8	57.8 61.5	57 61
≥ 18000 ≥ 16000	25.4	50.9	54.2		59.4		61.1	61.3			61.4	61.4	61.5	61.5	61.5	
≥ 14000 ≥ 12000	25.4	51.2	54.5	58.0	59.8		61.4	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61
≥ 10000 ≥ 9000	26.4	56.3 57.1	60.4	64.1	66.0		67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68
≥ 8000 ≥ 7000	27.2	60.0	64.1	67.9	70.2	71.2	71.8 73.5		72.1 73.7	72.3	72.3 73.9	72.3	72.4	72.4	72.4	72
≥ 6000 ≥ 5000	28.3	63.0	67.4	71.3	73.9		75.5 77.8	75 • 7 78 • 0	75.7 78.0	75.9 78.2	75.9 78.2	75.9	76.1	76 • 1 78 • 3	76 · 1 78 · 3	76
≥ 4500 ≥ 4000	28.7	65.5	70.2	74.3	77.2	78.2	79.2 81.8	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79
≥ 3500 ≥ 3000	29.7	67.9	73.2		80.8		83.1	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	8.
≥ 2500 ≥ 2000	29.8	69.4	75.9	79.2	82.7		85.0	85.3		85.7	85.7	85.7	85.8	85.8	85.8	8
≥ 1800 ≥ 1500	30.1	70.3	76.1	80.9	85.0		87.6	87.9		88.2	88.2	88.2	88.3		88.3	-
≥ 1200 ≥ 1000	30.3	72.3	78.5	83.6	88.1	89.4	91.2	91.5	91.5	91.8	91.8	91.8	91.9	91.9	91.9	9
≥ 900 ≥ 800	30.4	73.9	80.8	85.9	90.5		93.6	94.0	94.0	94.3 95.0	94.3	94.3	94.4	94.4	-	9
≥ 700 ≥ 600	30.4	74.2	81.7	86.5		92.7	94.5	94.8	94.8		95.1		95.3	95.3	95.3	1 -
≥ 500 ≥ 400	30.4	74.6	81.9	87.4	92.2	93.7				97.0	97.0	97.0	97.1	97.1	97.1	9
≥ 300 ≥ 200	30.4	74.6	82.0	87.7	92.7		97.0	97.5	98.1	98.5 98.5	98.6	98.6	98.7	98.8	98.9	1
≥ 100 ≥ 0	30.4	74.6	82.0	87.7	92.7			97.5	98.1	98.5		98.6	98.7	98.9	99.0	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AND SHOOLSTS

CEILING VERSUS VISIBILIT

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-11

CEILING							V15	BILITY ST.	ATUTE MIL	E5						
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ₩.	≥ 5/16	≥ %	Γ
NO CEILING	32.9	55.3	57.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	5
≥ 20000	35.0	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	10
≥ 18000	35.0	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	5
≥ 16000	35.7	59.2	61.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	L
≥ 14000	35.1	59.8	61.9	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
≥ 12000	35.5	61.4	63.6	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	L
≥ 10000	35.8	63.5	66.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	T
≥ 9000	36.1	64.5	67.2	69.1	69.4	69.4	69.4	69.4	69.4	100	69.4	69.4	69.4	69.4	69.4	
≥ 8000	36.8	66.9	69.6	71.5	71.8		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	1
≥ 7000	38 . 1	69.0	71.8	73.8	74.2		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
≥ 6000	38.5	70.0	72.8	75.0	75.5		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	1
≥ 5000	38.8	71.3	74.4	74.4	77.2	77.2	77.5	77.5	77.5		77.5	77.5	77.5	77 6	77 6	
≥ 4500	39.3	72.2	75.5	77.7	78.4		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	1
≥ 4000	39.6	73.0	76.5	78.6	79.5		79.8	79.8	79.8	79.8	79.8	79.8	79.8	70.8	79.8	ı
≥ 3500	30.9	73.6	77.0	79.2	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	+
≥ 3000	40.3	75.0	78.4	80.6	81.4	81.6	81.9	81.9	81.9	81.9	81.0	81.0	81.0	81.0	81.9	1
> 2500	40.3	76.2	79.6	81.8	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	+-
≥ 2000	41.0	78.3	82.2	84.6	85.7	85.8	86.1	86.1	86.1	86.1	94 1	04 1	84 1	94 1	94 1	
≥ 1800	41.3	79.0	83.1	85.5	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	۰
≥ 1500	42.0	80.5	84.6	87.1	88.2		88.8		88.8	10.0	88.8	01.1	07.1	07.1	88.8	
≥ 1200	42.2	82.6	86.9	90.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	+
≥ 1000	42.3	84.3	88.8	92.0	93.9	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	1
≥ 900	42.3	84.7	89.2	92.6	94.4	95.0	95.7	95.7	95.7	95.7		95.7	95.7	95.7	95.7	+
≥ 800	42.3	85.3	90.2	93.5	95.7	96.3	97.0	97.0	97.0	97.0		93.1	07.1	97.1	97.1	ı
≥ 700	42.3	85.4	90.3	93.7	96.0	96.7	97.3	97.3	97.3	97.3	97.0	97.4	97.4	97.4		+
≥ 600	42.3	85.4	90.3			'							97.4		97.4	
> 500	42.3	85.4	90.3	93.9	96.2	96.9	97.5	97.6	97.6	97.6	97.6	97.7	9/0/	97.7	97.7	t
≥ 500 ≥ 400					96.2		97.8	98.1		98.1	98.1	98.2	98.2	98.2		ш
	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.5	99.6	99.6	99.6	99.7	79.7	99.7	99.7	+-
≥ 300 ≥ 200	42.3	85.5	90.4	94.3	26.8	97.6	98.9	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	1
		-	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.5	100.0				-
≥ 100	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	110 737	100.0		100.0		г
2 0	42.3	85.5	90.4	94.2	96.8	97.6	98.9	99.6	99.7	99.8	99.8	100.0	0.00	100.0	100.0	Į.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PORVIOUS SSITIONS OF THIS FORM ARE SECOLOTS

CEILING VERSUS VISIBILIT

724240

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FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200~14

CERING							V15	BILITY ST.	ATUTE MIL	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %	≥ 5/16	≥ '&	2
NO CEILING ≥ 20000	34.0	53.3	53.8	53.8 60.0	53.8	53.8					53.8	53.8	53.8	53.8	53.8 60.0	
≥ 18000 ≥ 16000	37.2	59.3	60.0	60.0	60.0	60.0	60.0				60.0	60.0	60.0	60.0	60.0	
≥ 14000 ≥ 12000	37.3 38.1	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		60
≥ 10000 ≥ 9000	39.3	64.7	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65
≥ 8000 ≥ 7000	40.2	67.2	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68
≥ 6000 ≥ 5000	42.3	70.6	71.5	71.8	72.0	72.0	72.0	72.0	72.D	72.0	72.0	72.0	72.0	72.0	72.0	1
≥ 4500 ≥ 4000	43.4	73.6	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75
≥ 3500 ≥ 3000	46.1	79.5	81.0	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.C	82.0	82.0	82.0	82.0	82
≥ 2500 ≥ 2000	47.2	83.5	85.5	86.1	86.5 90.0	86.5	86.5 90.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	1
≥ 1800 ≥ 1500	48.5		89.8	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91
≥ 1200 ≥ 1000	49.2	90.9	93.6	95.1	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	91
≥ 900 ≥ 800	49.3	91.4	94.1	95.8 96.0	96.9	97.4	97.6			97.6	97.6	97.6	97.6	97.6	97.6	9
≥ 700 ≥ 600	49.4	91.8	94.6	96.4	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	1000
≥ 500 ≥ 400	49.4	91.8	94.6	96.5	98.1	98.8		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	9
≥ 300 ≥ 200	49.4	91.8	94.6	96.9	98.5	99.4	99.8	99.9		100.0				00.0	100.0	
≥ 100	49.4	91.8	94.6	96.9	98.5		-					100.0				

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PROVIDUO EDITIONO OF THIS PORM ARE COSCLETE

CEILING VERSUS VISIBILIT

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-17

CEILING							VISI	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	26	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	21%	≥1	≥ ¼	≥%	2 %	≥ 5/16	≥ ′4	2
NO CEILING ≥ 20000	34.5	54.6	55.3	55.9	55.9		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55
≥ 18000 ≥ 16000	37.9	61.2	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 14000 ≥ 12000	37.9	61.6	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63
≥ 10000 ≥ 9000	41.7	68.2	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69
≥ 8000 ≥ 7000	42.9	71.5	70.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73
≥ 6000 ≥ 5000	45.4	73.8	74.6	75.4	77.2	75.4	77.2	75.4	77.2	77.2	75.4	75.4	75.4	77.2		77
≥ 4500 ≥ 4000	47.1	77.6	78.9	80.9	80.9	80.9	79.8	80.9	79.8	79.8	79.8	80.9	80.9	79.8	80.9	
≥ 3500 ≥ 3000	49.1	83.9	85.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	85.8	86
≥ 2500 ≥ 2000	50.4	87.1	87.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5		90
≥ 1800 ≥ 1500	51.1	90.6	93.1	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94
≥ 1200 ≥ 1000	51.6	92.0	94.7	96.4	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	96.9	97.5	96.9	9
≥ 900 ≥ 800	51.6	92.4	95.1	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	97.7	91
≥ 700 ≥ 600	51.6	92.6	95.3	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	91
≥ 500 ≥ 400	51.6	92.6	95.4	97.7	98.9	98.9	98.9	98.6	99.1	99.4	99.5	99.5	99.5	99.5	98.7	9
≥ 300 ≥ 200	51.6	92.6	95.4	97.8 97.8	98.9	98.9	99.2	99.5	99.4	99.8	99.7	99.7	99.7	99.7	99.7	9
≥ 100 ≥ 0	51.6	92.6	95.4	97.8	98.9	98.9	99.2	99.5	99.6	99.9	100.0	100.0		100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JULIA 0-14-5 (OL A) PROVIDUO SDITIONE OF THIS FORM AND GOOGLETE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

MAY

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

CEHING							VIS	BILITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ₩	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	34 • 0 36 • 0	58.8		60.9	60.9	60.9	60.9	60.9	67.0	60.9 67.0	60.9 67.0	60.9	60.9	60.9	60.9 67.0	60.9
≥ 18000 ≥ 16000	36.0 36.0	64.7	66.0	67.0 67.0	67.0	67.0	67.0	67.0 67.0	67.0 67.0	67.0	67.0 67.0	67.0	67.0 67.0	67.0	67.0	67.0 67.0
≥ 14000 ≥ 12000	36.0 37.0	64.9	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000 ≥ 9000	38.2 38.5	71.2		73.7 75.0	73.7	73.7 75.0	73.8	73.8	73.8	73.8 75.1	73.8 75.1	73.8 75.1	73.8	73.8	73.8	73.8 75.1
≥ 8000 ≥ 7000	39.3 39.6	75.4 76.8	78.3	78.0 79.4	78.0 79.4	78.0 79.4	78.1 79.5	78.1 79.5	78 · 1 79 · 5	78 - 1 79 - 5	78 · 1 79 · 5	78.1 79.5	78 · 1 79 · 5	78.1 79.5	78.1 79.5	78.1 79.5
≥ 6000 ≥ 5000	40.2	78.4	1000	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500 ≥ 4000	41.4	81.6	1	84.7	85.0	85.0 88.1	85.1	85.1	85.1 88.2	85.1	85.1	85.1	85.1	85.1	85.1 88.2	85.1
≥ 3500 ≥ 3000	42.4	85.3	87.6	89.0	91.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500 ≥ 2000	42.9	88.3	90.7	92.4	92.9	92.9	93.1	93.1	93.1	93.1 94.5	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	42.9	90.4	92.3	94.3	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3 96.5
≥ 1200 ≥ 1000	42.9	90.7	93.4	95.7	96.4 96.7	96.8		97.1	97.1	97.4	97.1	97.1	97.1	97.1	97.1 97.4	97.1
≥ 900 ≥ 800	42.9	90.9	93.6	96.0	96.8	97.2	97.3		97.4	97.5	97.5	97.5	97.5	97.6	97.5	97.5
≥ 700 ≥ 600	42.9	91.4	93.7	96.4	97.5	97.5 98.0	97.7	97.8	97.8	98.1	98.1 98.5	98.1	98.1	98.1	98.1	98.1
≥ 500 ≥ 400	42.9	91.4	94.1	96.4	97.7	98.2 98.2	98.6	98.7	98.7	98.9	99.6	99.0	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	42.9	91.4	94.1	96.4	97.7	98.2	98.8	99.1	99.2	99.5			99.7	99.7		99.7
≥ 100 ≥ 0	42.9	91.4	94.1	96.4	97.7	98.2	98.9	99.2	99.4	99.6		100.0		100.0		00.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC JUL 64 0-14-5 (OL A) PROVIOUS REITIONS OF THIS FORM ARE SECOLATE

CEILING VERSUS VISIBILIT

724240

0

0

0

0

FT KNOX/GODMAN AAF KY

65-70,75-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-23(

CEILING			-				VIS	BILITY ST.	ATUTE MIL	ES						
(FEET)	≥10	26	≥5	≥ 4	≥ 3	≥21/.	≥2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥%	≥
NO CEILING	25.8	61.8	63.3	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64
≥ 20000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8		66.9	67.0	67.0	67.0	67.0	67.0	67
≥ 18000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.D	57
≥ 16000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67
≥ 14000	26.0	63.9	65.4	66.4	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67
≥ 12000	26.4	65.7	67.2	68.2	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68
≥ 10000	27.5	69.3	70.9	71.9	72.1	72.2	72.2	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72
≥ 800C	27.6	69.6	71.1	72.1	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72
≥ 8000	28.2	71.8	73.5	74.5	74.7	74.8	74.8	74.8	74.9	74.9	75.D	75.0	75.0	75.0	75 . D.	75
≥ 7000	28.4	73.0	74.7	75.9	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76
≥ 6000	28.8	75.1	77.1	78.5	78.9	79.0			79.2	79.2	79.3	79.3	79.3	79.3	79.3	79
≥ 5000	29.9	78.1	80.4	81.9	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82
≥ 4500	29.9	79.2	81.4	83.1	83.8	83.9		83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	
≥ 4000	29.9	81.7	84.3	86.6	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88
≥ 3500	30.1	83.4	86.2	88.5	89.7	89.9	90.0	90.0	90.1	90.2	90.3	90.4		90.4	90.4	90
≥ 3000	30.2	84.7	87.6	90.2	91.4	91.6	91.8		91.9	92.0	92.1	92.2	92.2	92.2	92.2	
≥ 2500	30.2	85.7	89.2	91.8	93.0	93.2	93.3					93.8	93.8	93.8	93.8	93
≥ 2000	30.2	87.0	90.4	93.0	94.3	94.5	94.6	94.6			95.0	95.1	95.1	95.1	95.1	95
≥ 1800	30.2	87.4	90.9	93.4	94.8	95.0	95.1	95.1				95.5	95.5	95.5	95.5	95
≥ 1500	30.2	88.4	91.9	94.5	96.1	96.3	96.4	96.4	96.5			96.9	96.9	96.9	96.9	96
≥ 1200	30.2	88.7	92.2	94.9	96.5	96.8		96.9				97.3		97.3	97.3	97
≥ 1000	30.2	88.9	92.4			97.0	97.1	97.1	97.2		97.4	97.5		97.5	97.5	97
≥ 900	30.2	89.0	92.5	95.1	96.8	97.2	97.3		97.4	97.5		97.8	97.8	97.8	97.8	97
≥ 800	30.2	89.0	92.5	95.4			97.4	97.4	97.5					97.9		
> 700	30.2	89.0				97.5						97.9	97.9		97.9	97
≥ 700 ≥ 600	30.2		92.5	95.4	97.3			97.7	97.8	97.9	98.D	98.1	98.1	98.1	98.1	98
		89.0	92.5	95.5	97.4	97.7	97.8				98.1	98.2	98.2	98.2	98.2	98
≥ 500 ≥ 400	30.2	89.0	92.5		97.4	97.7	97.8	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98
	30.2	89.0	92.5	95.5	97.4	97.7	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99
≥ 300 ≥ 200	30.2	89.0	92.5	95.5	97.5	97.8	98.6	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99
	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99
> 100	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3		99.7	99.8	99.8	99.9	99.9	100
≥ 0	30.2	89.0	92.5	95.5	97.5	97.8	98.8	99.1	99.3	99.6	99.7	99.8	99.8	99.9	99.9	100

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC POSM 0-14-5 (OL A) POSVIOUS SOLTIONS OF THIS POSM AND SOURCETS

CEILING VERSUS VISIBILIT

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILLITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ 4:	≥ 5/16	≥ 16	2
NO CEILING ≥ 20000	28.6 30.0	55.6	57.6				59.4	59.5	59.5	59.5	59.5	59.5	59.6 64.0	59.6 64.0	59.6	1
≥ 18000 ≥ 16000	30.0 30.0	59.7	61.8		63.5		63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	-
≥ 14000 ≥ 12000	30.1	60.0	62.0	63.4	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64
≥ 10000 ≥ 9000	31.8	65.4	67.8	69.3	69.7	69.9	70.1	70.2	70.2		70.2	70.2	70.2	70.3	70.3	70
≥ 8000 ≥ 7000	32.7	68.7	71.1	72.8	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.8		73.8	73.9	7:
≥ 6000 ≥ 5000	34.0	72.0	74.7	76.5		77.3	77.5	77.6	77.6		77.6		77.7	77.7	77.7	77
≥ 4500 ≥ 4000	35.0	75.2			81.0	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	-
≥ 3500 ≥ 3000	36.0	78.7	82.1	84.3	85 · 3			85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86
≥ 2500 ≥ 2000	36.5	81.3	85.0	87.2		88.5	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89
≥ 1800 ≥ 1500	36.9	83.5	87.5	90.0	91.3		92.D	-	92.1		92.2	92.2			92.3	-
≥ 1200 ≥ 1000	37.2	85.4	89.7	92.6			95.1 96.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	9!
≥ 900 ≥ 800	37.2	86.2	90.6	93.7	95.4	95.9	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	90
≥ 700 ≥ 600	37.2	86.5		94.2	96.2		97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6 98.0	9
≥ 500 ≥ 400	37.2	86.6	91.2	94.4	96.6	97.2	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	9
≥ 300 ≥ 200	37.2	86.6	91.2	94.6	96.9	97.5	98.6	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.5	9
≥ 100 ≥ 0	37.2	86.6		94.6	96.9	97.5	98.6	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE GOOGLETE

1 1

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0201

CEILING							VI\$	8 LITY 51	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥1%	≥1	≥ %	≥%	≥ %	≥ 5/16	≥ ′4	≥0
O CERING	18.6	60.7	65.1	68 - 4	70.2	70.2		70.7	70.7	70.8	71.0			71.1	71.2	71.
≥ 18000 ≥ 16000	19.0	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9 73.9	74.0	74.
≥ 14000 ≥ 12000	19.7	62.6	67.7	71.0	73.0	73.0	73.0	73.4	73.4	73.6	73.8	73.8	73.9	73.9	74.0	74.
≥ 10000	19.8	65.0	70.8 71.9	74.2	76.2	76.2	76.2	76.7	76.7	76.8		77.0	77.1	77.1	77.2	
≥ 8000 ≥ 7000	20.1	67.2	73.2	76.7	77.3	79.0	79.0	79.4	79.4	79.6	79.8	78.1	78.2	78.2	80.0	80.
≥ 6000 ≥ 5000	20.4	69.7	76.0		81.9	81.9			82.3	82.4	80.9	80.9	81.3	82.8	82.9	82.
≥ 4500 ≥ 4000	20.4	72.7	77.8	83.1	83.7	85.4		85.9	85.9	84.2	84.4	86.2	84.6	86.3	86.4	86.
≥ 3500 ≥ 3000	20.8	75.7	83.9	0.07	93.6	90.7	90.7	91.1	90.1	90.3	90.7	91.7	91.8	91.8	91.9	90.
≥ 2500 ≥ 2000	20.8	77.9	85.4	89.9	93.0	93.2		93.7	93.7	93.9	94.2	93.4		94.3	94.4	93.
≥ 1800 ≥ 1500	20.8	78.0	85.7		93.7	94.3	94.3	94.8	94.3	95.0		94.9		95.4	95.6	95.
≥ 1200 ≥ 1000	21.2	78.9	86.6	91.8	94.7	94.9	95.6	96.0	96.0	96.2	95.9	95.9	96.7	96.7	96.8	96.
≥ 900 ≥ 800	21.2	79.7	87.4		96.2	96.4	96.4	97.0	97.0	97.2	97.6	97.6	97.7	97.7	97.8	97.
≥ 700 ≥ 600	21.2	79.7	87.4		96.3	96.6	96.6	97.1	97.1	97.3	97.6	97.6	97.8	97.7	97.9	974
≥ 500 ≥ 400	21.2	79.7 80.0	88.1	93.1	96.4	96.7	97.4	98.2	98.2	98.4	98.0	98.8	98.9	98.9 99.0	99.0	99
≥ 300 ≥ 200	21.2	80.0	88.1	93.1	97.2	97.4	97.4	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.2	99
≥ 100 ≥ 0	21.2	80.0	88.1		97.2	97.4	97.4 97.4		98.3 98.3	98.7	99.0	99.0		99.3		99

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PROVIDUO ESITIONO OF THIS FORM ARE SECOLOTO

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CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-050 HOURS (Le.T.)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
(FEE?)	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ ⊬:	≥ 5/16	≥ ′4	≥0
NO CEILING . ≥ 20000	12.6	46.8	55.1	59.8	62.4	62.9	64.9	65.4	65.6	65.6	65.6	65.6	65.7	65.7	66.0	66
≥ 18000 ≥ 16000	13.0	48.9	57.6	62.3	65.1	65.6	67.6	68.2	68 - 3	68.3	68.4	68.4	68.6	68.6	68.9	69
≥ 14000 ≥ 12000	13.0	49.3	58.0	62.8 64.0	65.6	66.D	68.0	68.7	68.8	68.8	68 - 9	68.9	69.0	69.0	69.3	69 70
2 10000 ≤	14.2	52.7 53.1	62.0	66.7	69.4	69.9	71.9	72.6	72.7	72.7	72.8	72.8	72.9	72.9	73.2 74.0	73 74
≥ 8000 ≥ 7000	14.6	55.2 56.1	64.2		72.7	73.1	75.2	75.9	76.0	76.0	76.1	76.1	76.2	76.2	76.6	76 77
≥ 6000 ≥ 5000	15.0	57.1 58.4	67.6	71.4 72.8	74.8	75.2 76.8	77.3	78.0	78.2	78.2 79.8	78.3	78.3	78.4	78.4	78 . 8	79 80
≥ 4500 ≥ 4000	15.0	59.7	69.1	74.3	77.9	78.4	80.6	81.2	81.4	81.4	81.6	81.6 85.0	81.7	81.7	82.0	82
≥ 3500 ≥ 3000	15.1	62.6	72.9	78.8	82.4	83.D	85.3	86.0	86.2	86.3	86.4	86.4	86.6	86.6	86.9	87
≥ 2500 ≥ 2000	15.2	63.9	74.4	80.8	84.7	85.2	87.6 87.8	88.2	88.8	88.6	88.7	88.7	88 - 8	88.8	89.1	89
≥ 1800 ≥ 1500	15.3	64.4	75.1	81.7	85.7	86.2	88.6	89.2	89.6	89.7	89.8	89.8	89.9	89.9	90.2	90
≥ 1200 ≥ 1000	15.7	66.5	77.2	84.1	88.2	88.9	91.6	92.2	92.6	92.7 93.7	92.8	92.8	92.9	92.9	93.2	93
≥ 900 ≥ 800	15.7	66.8	77.8	85.0 85.6	89.3	90.3	93.1	93.8	94.1	94.2	94.3	94.3	94.4	94.4	94.8	95
≥ 700 ≥ 600	15.7	67.6	78.8		90.7	91.7	94.4	95.1	95.4	95.6 96.0	95.7	95.7	95.8	95.8	96.1 96.6	96
≥ 500 ≥ 400	15.7	67.7 68.0	79.4	86.6 87.0	91.3	92.3	95.1 95.6	95.9	96.2	96.3	96.4	96.4	96.6	96.6	96.9	97
≥ 300 ≥ 200	15.7	68.0	79.4	87.0 87.0	92.2	93.2	96.0 96.2	96.8	97.3	97.4	97.6	97.6	97.7	97.7	98.0 98.3	98
≥ 100 ≥ 0	15.7	68.0	79.4	87.0 87.0	92.2	93.2		97.0	97.6	97.7	97.9	97.9	98.2		98.6	99

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PO

CEILING VERSUS VISIBILIT

12424

FT KNOX/GODMAN AAF KY

65-70,75-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-08

≥10	7. 1														
	≥6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	₹15	≥1%	≥1	≥ %	≥ %	≥ %:	≥ 5/16	≥ %	>
18.3	44.9	52.2	55.0	57.0	58.3	59.9	60.6	60.7	61.0	61.3	61.3	61.3	61.3	61.3	61
19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	6
19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	6.
19.2	47.4	55.7	59.1	62.0	63.7	65.2	65.9	66.0	66.3	66.7	66.7	66.7	66.7	66.7	67
19.2	47.9	56.1	59.6	62.6	64.2	65.8	66.4	66.6	66.9	67.2	67.2	67.2	67.2	67.2	6
19.4	48.4	56.8	60. Z	63.3	65.1	67.0	67.7	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68
20.7	51.6	60.4	64.3	67.8	69.6	71.6	72.2	72.3	72.8	73.1	73.1	73.1	73.1	73.1	7:
21.6	53.1	62.1	66.0	69.4	71.2	73.2	73.9	74 0	74.4	74.8	74.8	2.0	74.8	74.8	75
22.1	55.7	64.9	68.9	72.4		76.3	77.0	77.1	77.6	77.9	77.9		77.9		78
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															9
		74.6			100	90.0							92.7		9.
-	64.2	74.8	80.2		87.7	90.4	91.8	92.0		93.2	93.2	93.2	93.2	93.2	9
23.9	64.4	75 - 1	80.9	85.9	88.4	91.3	92.7	92.9	93.6	94.1	94.1	94.1	94.1	94.1	91
23.9	64.7	75.4	81.2	86.4	89.2	92.1	93.4	93.7	94.3	94.9	94.9	94.9	94.9	94.9	9
23.9	65.0	76.1	81.9	87.4	90.2	93.3	94.9	95.1	95.8	96.4	96.4	96.4	96.4	96.4	9
23.9	65.2	76.3	82.6	88.9	91.9	95.0	96.7	96.9	97.8	98.4	98.4	98.4	98.4	98.4	9
23.9	65.2	76.3	82.6	88.9	91.9	95.0	96.9	97.1	98.2	98.9	98.9	98.9	98.9	98.9	9
23.9	65.2	76.3	82.6	88.9	91.9	95.2	97.1	97.3	98.4	99.1	99.2	99.2	99.2	99.2	9
23.9	65.2	76.3	82.6	88.9	91.9	95.2	97.1	97.3	98.4	99.1	99.2	99.3	99.3	99.3	9
23.9	65.2	76.3	82.6	88.9	91.9	95.2		97.3		99.1	99.2		1 4 4 4 4	99.3	10
	19.2 19.2 19.2 19.2 20.7 21.6 22.1 22.2 22.4 22.7 23.0 23.0 23.3 23.3 23.3 23.4 23.6 23.9 23.9 23.9 23.9 23.9	19.2 47.4 19.2 47.4 19.2 47.9 19.4 48.4 20.7 51.6 21.6 53.1 22.1 55.7 22.2 56.0 22.4 56.6 22.7 57.2 22.8 58.0 22.9 59.3 23.0 60.4 23.0 60.4 23.0 60.4 23.1 61.7 23.3 61.7 23.3 62.0 23.4 62.6 23.4 63.6 23.6 64.0 23.9 64.7 23.9 64.7 23.9 65.2 23.9 65.2 23.9 65.2 23.9 65.2 23.9 65.2	19.2 47.4 55.7 19.2 47.4 55.7 19.2 47.4 55.7 19.2 47.9 56.1 19.4 48.4 56.8 20.7 51.6 60.4 21.6 53.1 62.1 22.1 55.7 64.9 22.2 56.0 65.3 22.4 56.6 65.9 22.7 57.2 66.6 22.8 58.0 67.3 22.9 59.3 68.0 23.0 60.1 70.0 23.0 60.4 70.3 23.0 60.7 70.6 23.3 61.4 71.3 23.3 61.4 71.3 23.3 61.4 71.3 23.3 62.0 72.1 23.4 62.8 73.0 23.4 62.8 73.0 23.4 63.6 74.1 23.8 64.0 74.6 23.9 65.2 76.3 23.9 65.2 76.3 23.9 65.2 76.3 23.9 65.2 76.3 23.9 65.2 76.3	19.2 47.4 55.7 59.1 19.2 47.4 55.7 59.1 19.2 47.4 55.7 59.1 19.2 47.4 55.7 59.1 19.2 47.9 56.1 59.6 19.4 48.4 56.8 60.2 20.7 51.6 60.4 64.3 21.6 53.1 62.1 66.0 22.1 55.7 64.9 68.9 22.2 56.0 65.3 69.4 22.4 56.6 65.9 70.0 22.7 57.2 66.6 70.7 22.8 58.0 67.3 71.6 22.9 59.3 68.8 73.1 23.0 60.1 70.0 74.3 23.0 60.1 70.0 74.3 23.0 60.1 70.0 74.3 23.1 62.1 70.0 74.3 23.3 61.4 71.3 75.9 23.3 61.4 71.6 76.1 23.3 62.0 72.1 77.0 23.4 62.8 73.0 77.9 23.4 63.6 74.1 79.3 23.8 64.0 74.6 79.8 23.9 65.2 76.3 82.6 23.9 65.2 76.3 82.6 23.9 65.2 76.3 82.6	19.2 47.4 55.7 59.1 62.0 19.2 47.4 55.7 59.1 62.0 19.2 47.4 55.7 59.1 62.0 19.2 47.4 55.7 59.1 62.0 19.2 47.4 55.7 59.1 62.0 19.4 48.4 56.8 60.2 63.3 20.7 51.6 60.4 64.3 67.8 21.6 53.1 62.1 66.0 69.4 22.1 55.7 64.9 68.9 72.4 22.2 56.0 65.3 69.4 73.0 22.4 56.6 65.9 70.0 73.6 22.7 57.2 66.6 70.7 74.2 22.8 58.0 67.3 71.6 75.1 22.9 59.3 68.8 73.1 77.0 23.0 60.1 70.0 74.3 78.2 23.0 60.4 70.3 74.7 78.8 23.0 60.4 70.3 74.7 78.8 23.0 60.4 70.3 74.7 78.8 23.3 61.4 71.3 75.9 80.1 23.3 61.4 71.3 75.9 80.1 23.3 62.8 73.0 77.9 82.2 23.4 63.6 74.1 79.3 84.0 23.8 64.0 74.6 79.8 84.7 23.9 64.2 74.8 80.2 85.1 23.9 64.7 75.4 81.2 86.4 23.9 65.2 76.3 82.6 88.9 23.9 65.2 76.3 82.6 88.9 23.9 65.2 76.3 82.6 88.9	19.2 47.4 55.7 59.1 62.0 63.7 19.2 47.4 55.7 59.1 62.0 63.7 19.2 47.4 55.7 59.1 62.0 63.7 19.2 47.4 55.7 59.1 62.0 63.7 19.2 47.9 56.1 59.6 62.6 64.2 19.4 48.4 56.8 60.2 63.3 65.1 20.7 51.6 60.4 64.3 67.8 69.6 21.6 53.1 62.1 66.0 69.4 71.2 22.1 55.7 64.9 68.9 72.4 74.3 22.2 56.0 65.3 69.4 73.0 75.0 22.4 56.6 65.9 70.0 73.6 75.6 22.7 57.2 66.4 70.7 74.2 76.2 22.8 58.0 67.3 71.6 75.1 77.2 22.8 58.0 67.3 71.6 75.1 77.2 22.9 59.3 68.8 73.1 77.0 79.1 23.0 60.1 70.0 74.3 78.2 80.3 23.0 60.4 70.3 74.7 78.8 81.0 23.3 61.4 71.3 75.9 80.1 82.4 23.3 61.4 71.3 75.9 80.1 82.4 23.3 62.0 72.1 77.0 81.3 82.6 23.4 62.8 73.0 77.9 82.2 84.7 23.4 63.6 74.1 79.3 84.0 86.4 23.8 64.0 74.6 79.8 84.7 87.2 23.9 64.7 75.4 80.2 85.1 87.7 23.9 64.7 75.4 80.9 85.9 88.4 23.9 65.2 76.3 82.6 88.9 91.9 23.9 65.2 76.3 82.6 88.9 91.9 23.9 65.2 76.3 82.6 88.9 91.9	19.2 47.4 55.7 59.1 62.0 63.7 65.2 19.2 47.4 55.7 59.1 62.0 63.7 65.2 19.2 47.4 55.7 59.1 62.0 63.7 65.2 19.2 47.4 55.7 59.1 62.0 63.7 65.2 19.2 47.4 55.7 59.1 62.0 63.7 65.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 20.7 51.6 60.4 64.3 67.8 69.6 71.6 21.6 53.1 62.1 66.0 69.4 71.2 73.2 22.1 55.7 64.9 68.9 72.4 74.3 76.3 22.2 56.0 65.3 69.4 73.0 75.0 77.0 22.4 56.6 65.9 70.0 73.6 75.6 77.6 22.5 57.2 66.6 70.7 74.2 76.2 78.2 22.8 58.0 67.3 71.6 75.1 77.2 79.6 22.9 59.3 68.8 73.1 77.0 79.1 81.4 23.0 60.1 70.0 74.3 78.2 80.3 82.7 23.1 60.1 70.0 74.3 78.2 80.3 82.7 23.3 61.4 71.3 75.9 80.1 82.4 84.9 23.3 61.7 71.6 76.1 80.3 82.7 85.1 23.4 62.8 73.0 77.9 82.2 84.7 87.2 23.4 63.6 74.1 79.3 84.0 86.4 89.0 23.8 64.0 74.6 79.8 84.7 87.2 90.0 23.9 64.2 74.8 80.2 85.1 87.7 90.4 23.9 64.7 75.4 81.2 86.4 89.2 92.1 23.9 65.2 76.3 82.6 88.9 91.9 95.0 23.9 65.2 76.3 82.6 88.9 91.9 95.2 23.9 65.2 76.3 82.6 88.9 91.9 95.2	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.7 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 22.7 57.2 66.6 70.7 74.2 76.2 78.2 78.9 22.8 58.0 67.3 71.6 75.1 77.2 79.6 80.3 22.9 59.3 68.8 73.1 77.0 79.1 81.4 82.2 23.0 60.1 70.0 74.3 78.2 80.3 82.7 83.6 80.3 23.0 60.1 70.0 74.3 78.8 81.0 83.4 84.4 23.0 60.7 70.6 75.0 79.1 81.4 83.9 85.0 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 23.3 61.7 71.6 76.1 80.3 82.7 85.1 86.3 23.3 62.0 72.1 77.0 81.3 82.8 84.7 87.2 88.6 23.4 63.6 74.1 79.3 84.0 86.4 89.0 90.3 23.8 64.0 74.6 79.8 84.7 87.2 90.0 91.3 23.9 64.2 74.9 80.2 85.1 87.7 90.4 91.8 23.9 64.7 75.4 81.2 86.4 89.2 92.1 93.4 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 74.0 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.7 77.8 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 78.3 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 78.3 22.3 59.3 68.8 73.1 77.0 79.1 81.4 82.2 82.3 23.0 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 23.0 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 23.3 62.0 72.1 77.0 82.4 84.9 86.1 86.3 23.3 62.0 72.1 77.0 82.4 82.4 84.9 86.1 86.3 23.4 63.6 74.1 79.3 84.0 86.4 89.0 90.3 90.6 23.8 64.0 74.6 79.8 84.7 87.2 90.0 91.3 91.6 23.9 64.2 74.9 80.2 85.1 87.7 90.4 91.8 92.0 23.9 64.4 75.1 80.9 85.9 88.4 91.3 92.7 92.9 23.9 64.4 75.1 80.9 85.9 88.4 91.3 92.7 92.9 23.9 64.7 75.4 81.2 86.4 89.2 92.1 93.4 93.7 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 91.9 95.2 97.1 97.3 23.9 65.2 76.3 82.6 88.9 9	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.9 19.4 48.4 56.8 60.2 63.8 65.1 67.0 67.7 67.8 68.2 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 72.8 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 74.0 74.4 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 77.6 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.7 77.8 78.2 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 78.3 78.8 22.7 57.2 66.6 70.7 74.2 76.2 78.2 78.9 79.0 79.4 22.8 58.0 67.3 71.6 75.1 77.2 79.6 80.3 80.4 80.9 22.9 59.3 68.8 73.1 77.0 79.1 81.4 82.2 82.3 82.8 23.0 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 85.1 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 85.1 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.6 87.1 23.3 62.0 72.1 77.0 81.3 82.7 85.1 86.3 86.6 87.1 23.4 62.8 73.0 77.9 82.2 84.7 87.2 88.6 88.8 89.3 23.4 63.6 74.1 79.3 84.0 86.4 89.0 90.3 90.6 91.2 23.9 64.2 74.6 79.8 84.7 87.2 88.6 88.8 89.3 23.4 63.6 74.1 79.3 84.0 86.4 89.0 90.3 90.6 91.2 23.9 64.2 74.6 89.8 85.9 88.4 91.3 92.7 92.9 93.6 23.9 64.2 74.6 80.9 85.9 88.4 91.3 92.7 92.9 93.6 23.9 64.2 74.8 80.9 85.9 88.4 91.3 92.7 92.9 93.6 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.8 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 97.8 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.4 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 23.9 65.2 76.3 82.6 88.9 91.9 95.0 9	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.9 67.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 68.2 68.6 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 72.8 73.1 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 74.0 74.4 74.8 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 77.6 77.9 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.7 77.8 78.2 78.6 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 77.8 78.2 78.6 22.1 55.7 64.9 68.9 72.4 74.2 75.6 77.6 78.2 78.3 78.8 79.1 22.1 55.7 66.6 67.3 71.6 75.1 77.2 79.6 80.3 80.4 80.9 81.2 22.1 55.2 66.6 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 22.2 58.0 67.3 71.6 75.1 77.2 79.6 80.3 80.4 80.9 81.2 22.9 59.3 68.8 73.1 77.0 79.1 81.4 82.2 82.3 82.8 83.1 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 85.1 85.6 62.3 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 85.1 85.6 62.3 60.7 70.6 75.0 79.1 81.4 82.2 82.3 82.8 83.1 23.0 60.4 70.3 74.7 78.8 81.0 83.4 84.4 84.6 85.1 85.6 62.3 60.7 70.6 75.0 79.1 81.4 83.9 85.0 85.2 85.8 86.2 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 23.4 62.6 73.1 77.9 82.2 84.7 85.1 86.3 86.6 87.1 87.6 23.3 62.0 72.1 77.0 81.3 83.8 86.3 87.7 87.9 88.4 88.9 23.4 62.6 73.0 77.9 82.2 84.7 87.2 88.6 88.8 89.3 89.8 23.4 62.6 73.0 77.9 88.7 87.2 90.0 91.3 91.6 92.2 92.7 23.9 64.7 75.4 80.2 85.1 87.7 90.4 91.8 92.0 92.7 93.2 23.9 64.7 75.4 80.2 85.1 87.7 90.4 91.8 92.0 92.7 93.2 23.9 64.7 75.4 80.2 85.9 88.4 91.3 92.7 92.9 93.6 94.1 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 98.9 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 98.9 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 98.9 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 98.9 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 98.2 98.9 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 96.9 97.1 97.3 98.4 99.1 23.9 65.2 76.3 82.6 88.9 91.9 95.0 96.7 197.3 98.4 99.1	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.9 67.2 67.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 68.2 68.6 68.6 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 72.8 73.1 73.1 73.1 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 74.0 74.4 74.8 74.8 74.8 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 77.6 77.9 77.9 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.7 77.8 78.8 78.2 78.6 78.6 78.6 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 78.3 78.8 79.1 79.1 22.7 57.2 66.6 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 79.8 22.4 56.6 65.9 70.0 73.6 75.6 77.6 78.2 78.2 78.9 79.0 79.4 79.8 79.8 22.4 56.6 65.9 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 79.8 22.4 56.6 65.9 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 79.8 22.4 56.6 65.9 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 79.8 23.0 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.4 83.6 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.4 83.6 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.4 83.6 60.1 70.0 74.3 78.2 80.3 82.7 83.0 85.0 85.2 85.8 86.2 86.2 86.2 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 87.3 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 87.3 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 87.3 87.3 23.3 61.4 71.3 75.9 80.1 82.4 84.9 86.1 86.3 86.9 87.3 87.3 87.3 23.3 61.4 71.4 79.3 84.0 86.4 89.0 90.3 90.6 91.2 91.7 91.7 23.4 64.0 74.4 79.8 84.7 87.2 90.0 91.3 91.6 92.2 92.7 92.7 92.7 23.9 64.2 74.8 80.2 85.1 87.7 90.0 91.3 91.6 92.2 92.7 92.7 92.7 23.9 64.2 74.8 80.2 85.1 87.7 90.0 91.3 91.6 92.2 92.7 92.7 92.7 23.9 64.2 74.8 80.2 85.1 87.7 90.0 91.3 91.6 92.2 92.7 93.2 93.2 34.6 64.2 74.6 80.9 85.9 85.9 88.4 91.3 92.7 92.7 92.7 93.2 93.2 93.2 64.2 74.8 80.2 85.9 88.9 91.9 95.0 96.9 97.1 98.9 98.9 98.9 93.9 65.2 76.3 82.6 88.9 91.9 95.0 96.9 97.1 98.9 98.9 98.9 98.9 93.9 65.2 76.3 82.6 88.9 91.9 95.0 96.9 97.1 98.2 98.9 98.9 98.9 93.9 65.2 76.3 82.6 8	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 19.2 47.9 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.9 67.2 67.2 67.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 68.2 68.6 68.6 68.6 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 72.8 73.1 73.1 73.1 73.1 21.6 53.1 62.1 66.0 69.4 71.2 73.2 73.9 74.0 74.0 74.8 74.8 74.8 74.8 22.1 55.7 64.9 68.9 72.4 74.3 76.3 77.0 77.1 77.6 77.9 77.9 77.9 77.9 22.2 56.0 65.3 69.4 73.0 75.0 77.0 77.1 77.8 78.2 78.6 78.6 78.6 78.6 22.4 56.6 65.9 67.0 73.6 75.6 77.6 78.2 78.3 78.8 79.1 79.1 79.1 22.7 57.2 66.6 70.7 74.2 76.2 78.2 78.9 79.0 79.4 79.8 79.8 79.8 22.4 59.3 68.8 73.1 77.0 79.1 81.4 82.2 82.3 82.8 83.1 83.1 83.1 23.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.4 84.9 23.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.4 84.9 23.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.9 85.2 83.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.9 85.2 83.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.9 85.2 83.1 60.1 70.0 74.3 78.2 80.3 82.7 83.6 83.7 84.1 84.4 84.4 84.9 84.9 85.2 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 66.7 19.2 47.9 55.7 59.1 62.0 63.7 65.2 65.8 66.9 66.0 66.3 66.7 66.7 66.7 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.9 67.2 67.2 67.2 67.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 68.2 68.6 68.6 68.6 68.6 20.7 51.6 60.4 64.3 67.8 69.6 71.6 72.2 72.3 72.8 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1	19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 66.7 66.7 19.2 47.4 55.7 59.1 62.0 63.7 65.2 65.9 66.0 66.3 66.7 66.7 66.7 66.7 66.7 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.0 66.3 66.7 66.7 66.7 66.7 66.7 66.7 19.2 47.9 56.1 59.6 62.6 64.2 65.8 66.4 66.6 66.0 67.2 67.2 67.2 67.2 67.2 19.4 48.4 56.8 60.2 63.3 65.1 67.0 67.7 67.8 68.2 68.6 68.6 68.6 68.6 68.6 68.6 68

TOTAL NUMBER OF OBSERVATIONS _

LISAS ETAC PORM CALLES (OL A) PREVIOUS SOLITIONS OF THIS FORM ARE DESOLET

CEILING VERSUS VISIBILIT

724240

0

FT KNOX/GOOMAN AAF KY

65-70,75-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-111

CEILING							V15	BLITY ST	ATUTE MIL	E 5						
(#EET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥11/4	≥1	2 %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	26 · D 27 · 4	55.1 59.2	56.7	58.2 62.6	59.3	60.2	60.4	60.4		60.4		60.4	60.4	60.4	60.4	1
≥ 18000 ≥ 16000	27.4		-	62.6	64.0				7.1			65.4	65.4	65.4		-
≥ 14000 ≥ 12000	27.4		60.9	62.6	64.0					65.4		65.4		65.4	65.4	
≥ 10000 ≥ 9000	29.0	63.7	65.7	67.8	69.4	70.4	70.8					70.9	70.9	70.9	70.9	
≥ 8000 ≥ 7000	29.9	66.8	68.9	71.1	72.8 74.0	74.0	74.3	74.4	74.4	74.4		74.4	74.4	74.4	74.4	74
≥ 6000 ≥ 5000	30.7	68.9	71.1	73.3	75.0	76.2			76.7		76.7	76.7	76.7	76.7	76.7	
≥ 4500 ≥ 4000	31.3 32.0	70.4	73.2		77.6	78.8 81.3		79.3	79.3		79.3			79.3		79
≥ 3500 ≥ 3000	32.1 32.3	73.9	76.9	79.7	81.3			141		83.1	83.1	83.1	83.1	83.1		83
≥ 2500 ≥ 2000	32.8		78.9		83.3		85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85
≥ 1800 ≥ 1500	33.6		82.0	85.4	7					89.3	89.3	89.3	89.3	89.3	89.3	89
≥ 1200 ≥ 1000	34.0	80.9	85.8		91.6	93'0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	95.8	93.8	93
≥ 900 ≥ 800	34 · 1 34 · 1	82.3	87.6	91.9	37.77	95.3				96.1		96.1		96.1	96.1	
≥ 700 ≥ 600	34.3	83.2	88.9	93.2	95.3			97.9	97.9	97.9		97.9	97.9	97.9		
≥ 500 ≥ 400	34.3	83.6	89.6	94.2	96.7	98.6	99.3	99.7	99.7		99.7	99.7	99.7	99.7	99.7	99
≥ 300 ≥ 200	34.3	83.6	89.6	94.2	96.7	98.7 98.7				100.0						
≥ 100 ≥ 0	34.3	83.6		94.2	96.7					100.0						

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS SOLTIONS OF THIS FORM AND OSSOLSTE

1 .

CEILING VERSUS VISIBILIT

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-140

CEILING							VIS	BILITY STA	ATUTE MIL	.ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ 1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥5/16	≥ ¼	2
NO CEILING	28.3	51.0	52.9	54.2	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55
≥ 20000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61
≥ 18000	29.9	56.1	58.2	59 . 8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61
≥ 16000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61
≥ 14000	29.9	56.1	58.2	59.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61
≥ 12000	30.7	58.1	60.2	61.8	62.8	63.2		63.2	63.2	63.2	63.2	63.2	63.2	63.2	53.2	63
≥ 10000	32.2	61.7	64.1	66.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67
≥ 9000	32.2	62.9	65.3	67.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68
≥ 8000	33.0		67.2		70.1	70.7		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70
≥ 7000	33.6	66.6	69.0	70.9	71.9	72.4		72.4	72.4	72.4		72.4		72.4	72.4	72
≥ 6000	34.2	67.3	69.9	71.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73
≥ 5000	35.0	- 7	71.3	73.3	74.3	74.9			74.9	74.9	74.9	74.9	74.9	74.9	74.9	74
≥ 4500	35.8			75.1	76.1	76.7		76.7	76.7		76.7	76.7	76.7		76.7	76
≥ 4000	37.6	75.4	78.8	81.2	82.2	82.9			82.9	,	82.9	82.9	82.9	82.9	82.9	82
> 3500	38.3	78.4	81.9	84.7	85.8	86.4		86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	56
≥ 3000	39.2	83.9	84.3	87.4	88.6	89.2		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89
≥ 2500	39.6		86.0	89.1	90.3	91.0		91.0	91.0			91.0		91.0	91.0	91
≥ 2000	40.4	84.9	88.7	91.8	93.1	93.8		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93
> 1800	40.4	85.7	89.6	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94
≥ 1500	48.7	86.6	90.9	94.2	95.7	96.4		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96
≥ 1200	40.7	87.2	91.7	95.0	96.4	97.2			97.3	_	97.3	97.3	97.3	97.3	97.3	97
≥ 1000	40.9	87.6	92.1	95 7	97.2	98.0	98.1	98.1	98.1	96.1	98.1	98.1	98.1	98.1	98.1	98
≥ 900	40.9	88.1	92.7	96.2	97.8	98.6		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
≥ BGO	40.9	88.2	92.8	96.3	97.9	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98
> 700	40.9		93.1	96.9	98.4	99.2		99.4	99.4			99.4	99.4	99.4	99.4	99
≥ 700 ≥ 600	40.9	88.6	93.1	96.9	98.9	99.7		99.9	99.9		99.9	99.9	99.9	99.9	99.9	99
. 100	40.9	88.6	93.2	97.0	99.0			100.0				100.0				-
≥ 500 > 400			93.2													
	40.9	88.6		97.0	99.0		100.0			100.0						-
≥ 300	40.9	83.6	93.2		99.0			100.0		100.0					100.0	
	40.9	88.6	93.2	97.0	99.0			100.0	-						100.0	-
≥ 100	40.9	88.6	93.2	97.0	99.0			100.0				100.0				100
= 0	40.9	88.6	93.2	97.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.00	200

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 84 0-14-5 (OL A) PREVIOUS SOUTIONS OF THIS FORM ARE OBSOLUTE

ATIONS 9

CEILING VERSUS VISIBIL

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-

CEILING							VIS	BLITY ST	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/5	≥ 2	≥1½	≥1%	≥1	≥ ¼	≥ %	≥ ₩;	≥ 5/16	≥ 4
NO CEILING	32.1	69.2			64.4						100		64.4	64.4	64.4
≥ 20000	34.8	65.0	67.8	69.2	70.4	70.4		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	34.8	65.0	67.8	69.2	70.4	70.4	70 • 4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	34.8	65.0	67.8			70.4		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	34.8	65.0	67.8	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70 - 4	70.4	70.4	70.4	70.4
≥ 12000	35.8	66.8	69.6	71.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	36.8	70.2	73.1	74.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	37. C	71.0	73.9	75.3	76 . 7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	37.6	74.6	77.4	78 . 9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	38 - 4	76.1	79.0	30.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	38.9	76.8	79.7			82.6				82.6					
≥ 5000	39.1	77.6	87.4	81.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	39.4	78.7	81.6	83.0			84.4		84.4					84.4	84.4
≥ 4000	39.9	81.2			-	87.9									
≥ 3500	40.2	83.0	86.7	88.3			90.7		90.7				90.7		
≥ 3000	40.4	85.0	89.3			93.4		93.7							
≥ 2500	41.0	86.8	91.3	93.1					95.7		95.7		95.7		
≥ 2000	41.3	87.8	92.4			96.6	The second second	96.8			0.00				
≥ 1800	41.4	89.0	92.7	94.4					97.0		97.0	_	97.1		_
≥ 1500	41.6	88.2		94.8		97.1		97.3		1000					
≥ 1200	41.9	88.8	93.4	95.4					98.0		98.1				
≥ 1000	41.9	245 5000		7 10 7 10		100			100,000		1111	100	100 PERSONAL PROPERTY.		The Later Co.
> 900		88.8				97.9				98.2					
≥ 900 ≥ 800	41.9	89.2	93.9	95.9		100				98.7		3.1	98.9		
	42.0	89.6		_		98.9			-	99.3			99.6		
≥ 700 ≥ 600	42.0	89.7	94.3	96.3		99.0			99.3		99.6		7.0	3.11	
	42.0					99.1				99.6					
≥ 500	42.0	89.7	94.3	96.3		99.1				99.6	-				
≥ 400	42.0	89.7				99.3			99.7		99.9				
≥ 300	42.0	89.7	94.3	96 . 4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	42.0	89.7	94.3	96 . 4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.1
≥ 0	42.0	89.7	94.3	96.4	99.0	99.3	99.6	99.7	99.7	99.8	99.9	99.9	00.00	00.0	100.1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE OSSOLSTS

CEILING VERSUS VISIBILIT

724240 FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ½	≥5/16	≥ 4	2
NO CEILING ≥ 20000	29.3	62.7	65.2		68.1	68.1	68.1	68.1			68.1	68.1		68.1		68
≥ 18000 ≥ 16000	29.9	66.6		72.2	73.4	73.4		73.4	73.4		73.4	73.4	73.4	73.4	73.4	-
≥ 14000 ≥ 12000	30 · 1	66.9	70.4	72.6	73.8	73.8	73.8		73.8	73.8	73.9	73.8	73.8	73.8	73.8	73
≥ 10000 ≥ 9000	32.0 32.6	71.3	75 - 1	77.9	79.1	79.3	79.3		79.3	79.3	79.3	79.3	79.3	79.3	79.3	75
≥ 8000 ≥ 7000	33.6	75.6	79.4	82.2	83.4	83.7	83.7		83.7	83.7	83.7	83.7	83.7		83.7	
≥ 6000 ≥ 5000	34.2	77.2			85.3	85.6	85.6		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85
≥ 4500 ≥ 4000	34.7	79.9	84.0		88.4	88.8	88.8	88 - 8	88.8	88.8	88.8	88.8	88.8		88.8	81
≥ 3500 ≥ 3000	35 · 4 35 · 6	83.3	88.1	91.4	93.0		93.4	93.6	93.6	93.6	93.6	93.6	93.6		93.6	_
≥ 2500 ≥ 2000	35 • 7 36 • 1	85.1	90.6	94.0	95.7			96.3				96.3				91
≥ 1800 ≥ 1500	36 · 1	86.2	91.9	1	97.1		97.7		97.9 98.1			98.0 98.3		98.D 98.3		
≥ 1200 ≥ 1000	36 · 1	86.3	92.2	95.8 96.0	97.4		98.0 98.2	-		98.4 98.7		300	-	98.4 98.7		
≥ 900 ≥ 800	36.1 36.1	86.3	92.4	96.0	97.7 98.1		98.2 98.7	98.4		98.7 99.1	210			98.7		9
≥ 700 ≥ 600	36 · 1 36 · 1	86.4	92.8	96.3	98.4		99.D			99.4		99.4				
≥ 500 ≥ 400	36 · 1 36 · 1	86.4	92.9	96.6	98.8	99.3	99.4	99.7	99.7	99.8						
≥ 300 ≥ 200	36 · 1 36 · 1	86.4	92.9	96.6	98.9	99.4	99.4	99.7		99.9	100.0		00.0	100.0	100.0	0
≥ 100 ≥ 0	36.1 36.1	86.4	92.9	96.6	98.9	99.4	99.4		99.7			100.0				1

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC PORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE SESOLSTE

CEILING VERSUS VISIBILI

724240 STATION

FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2108-2

CEILING							VIS	BILITY ST.	ATUTE MIL	£5					
(FEET)	≥ 10	≥6	≥5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1½	21%	≥1	2 %	≥ %	≥ ₩:	≥ 5/16	≥ ¼
NO CEILING	22.7	63.9	67.6	69.6	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
≥ 20000	23.2	66.9	71.6	73.6	74 . 8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 18000	23.2	66.9	71.6	73.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 16000	23.2	66.9	71.6	73.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 14000	23.2	67.0	71.7	73.7	74.9	74.9	75.D	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 12000	23.9	68.4	73.3	75.3	76.6	76.6	76.7	76 . 7	76 . 7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 10000	24.3	70.3	75.4	77.8	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 9000	24.7	70.9	75.0	78.3	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	8C.1
≥ 8000	25.4	73.8	79.2	81.8	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 7000	25.8	75.1	80.6	83.1	84 . 7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 6000	25.8	76.1	81.7	84.2	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 5000	25.8	77.4	83.1	85.8	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 4500	25.8	78.3	84.0	86.7	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 4000	26.8	81.3	87.3	90.3	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 3500	26.8	82.7	88.9	92.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 3000	27.0	83.8	90.2	93.3	95.9	96.0	96.1	96 . 1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2500	27.0	84.6	91.2	94.3	96.9		97.1		97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2000	27.0	84.8	91.6	94.7	97.3		97.7	97.7	97.8	97.8	97.8	97.9	97.9	_	97.9
≥ 1800	27.1	85.0	91.8	94.9	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1500	27.1	85.d	91.8	95.1	98.1	98.2	98.4	98.4	98.6		98.6	98.7	98.7	98.7	98.7
≥ 1200	27.1	85.0	91.9	95.2			98.7		98.8				98.9	98.9	98.9
≥ 1000	27.1	85.1	92.1	95.4	98.4		98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	27.1	85.1	92.1	95.4	98.4		98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	27.1	85.1	92.1	95.4	98.6	98.8	99.0		99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	27.1			95.4	98.6		99.0				99.1	99.2	99.2	99.2	
≥ 600	27.1	85.2		95.6	98.7		99.1	99.1	99.2			99.3	99.3		
≥ 500	27.1	85.4	92.4	95.8	98.9		99.3	99.3			99.4	99.6	99.7		
≥ 400	27.1	85.4	92.4		99.2		99.7	99.7	99.8					100.0	
≥ 300	27.1	85.4	92.4		99.2		99.7		99.8	THE RESERVE OF THE PERSON NAMED IN		99.9		00.0	
≥ 200	27.1	85.4	92.4	96.0	99.2			10.00	99.8	11.11.11.11.11.11.11.11.11.11.11.11.11.	125			100.0	
≥ 100	27.1	85.4	92.4		99.2				99.8					00.0	
2 0	27.1	85.4	92.4	96.0		99.4				99.8	The second section is			الاستناد	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS POSM ARE OSSOLSTE

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CEILING VERSUS VISIB

724249

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES (FEET) ≥ 6 > 3 55.7 59.7 62.0 63.3 63.7 64.2 64.4 64.5 64.6 64.6 64.6 59.0 63.6 66.2 67.9 68.3 68.8 69.1 69.1 69.2 69.3 69.3 69.3 23.5 NO CEILING 24.6 69.3 69. ≥ 18000 ≥ 16000 ≥ 12000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 3500 ≥ 3000 2500 2000 1800 1200 ann ≥ ≥ 600 400 100

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC POEM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS POEM ARE OBSOLETE

CEILING VERSUS VISIBI

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FT KNOX/GODMAN AAF KY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY ST	ATUTE MIL	E S					
(FEET)	≥10	≥ 6	≥5	≥ 4	≥3	≥21⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ₩	≥5/16	≥ ¼
NO CEILING ≥ 20000	9.8 10.2	60.9	65.8	71.5	72.7	72.8 76.1	73.4 76.8	73.9	74.1		74.1	74.1	74.1	74 • 1 77 • 4	74.1
≥ 18000 ≥ 16000	10.2	63.8	69.0	74.7	76.0	76.1 76.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000 ≥ 12000	10.2	64.0	69.2	74.9	76.3	76.5 78.0	77.1 78.6	77.5 79.0	77.7	77.7	77.7	77.7	77.7	77.7	77.
≥ 10000 ≥ 9 000	10.8	67.7	73.5		80.6	80.8	81.4	81.8	82.0		82.2 83.0	82.2 83.0	82.2	82.2 83.0	82.2
≥ 8000 ≥ 7000	11.4	71.4	77.8	84.0	86.0	86.1	86.9	87.3 88.6	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 6000 ≥ 5000	11.9	73.0	80.0	86.5 87.5	88.5	88.6	89.4	89.8 91.0	90.0	90.0	90.1	90.1	90.1	90.1	90 . 1
≥ 4500 ≥ 4000	11.9	74.5	81.7	88.5	91.0	9161 93.0	91.8			92.5	92.6	92.6	92.6	92.6	92.6
≥ 3500 ≥ 3000	12.3	76.9	84.4	91.3	94.1	94.2					95.7	95.7	95.7	95.7	95.7
≥ 2500 ≥ 2000	12.4	78.9	86.6	93.5	96.3	96.5	97.2	97.6		97.8	98.0	98.0	98.0	98.0	
≥ 1800 ≥ 1500	12.4	79.4	87.0 87.0	94.0	96.8							98.4	98.5	98.5	98.5
≥ 1200 ≥ 1000	12.4	79.5	87.1	94.1	97.0	97.1	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7
≥ 900 ≥ 800	12.4	79.5	87.1	94.1	97.0	97.1	97.8				98.6	98.6	98.7	98.7	98.
≥ 700 ≥ 600	12.4	79.6	87.2	94.2	97.1	97.2	98.	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.1
≥ 500 ≥ 400	12.4	79.7	87.3	94.3	97.4	97.5	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.
≥ 300 ≥ 200	12.4	79.8	87.5	94.6	97.7	97.8	98.8			99.5	99.6	99.6	99.7	99.7	99.
≥ 100	12.4	79.8	87.5		97.7	97.8	98.8	99.2	1000		99.6	99.6	99.7	99.7	99.

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS ESTTIONS OF THIS POSM ASE OSSOLSTE

CEILING VERSUS VISIBII

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FT KNOX/GODMAN AAF KY

65-70,75-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-

CEILING							VIS	BLITY STA	ATUTE MIL	ES					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥1%	≥1	2%	≥ %	≥ ⊬:	≥ 5/16	≥ ′₄
NO CEILING	7.2	49.4	55.3	61.3	64.9	65.6	67.8	68.6	68.6	69.1	69.1	69.1	69.2	69.4	69.4
≥ 20000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.6
≥ 18000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.8
≥ 16000	8.1	52.3	58.6	65.2	69.4	70.0	72.3	73.0	73.2	73.5	73.5	73.5	73.7	73.8	73.8
≥ 14000	8.1	52.5	58.8	65.4	69.6	70.2	72.5	73.2	73.4	73.8	73.8	73.8	73.9	74.0	74.0
≥ 12000	8.5	54.1	60.4	67.0	71.2	71.8	74.1	74 . 8	75.1	75.4	75.4	75.4	75.5	75.6	75.6
≥ 10000	8.7	56.5	63.2	70.2	74.4	75.1	77.3	78.1	78 . 3	78.6	78.6	78.6	78.7	78.8	78.8
≥ 9000	9.0	58.0	64.8	71.8	76.1	76.8	79.1	79.9	80.1	80.4	80.4	80.4	80.5	80.6	80.6
> 8000	9.0	60.9	68.4	76.0	80.6	81.3	83.8	84.6	84.8			85.3			85.5
≥ 7000	9.1	61.6	69.5	77.3	81.9	82.6	85.1		86.1	86.6	111111	86.6	86.7		86.8
≥ 6000	9.2	61.8	69.8	77.6	82.3	82.9	85.4	86.2	86.5	-	86.9	86.9			87.1
≥ 5000	9.6	62.9	71.2	79.1	83.9						88.5	88.5		88.7	
≥ 4500	9.7	63.2	71.6	79.6	84.3		87.4	88.3			88.9	88.9			89.1
≥ 4000	9.7	64.9	73.7	81.6			89.6			91.2					91.4
≥ 3500	9.7	65.5	74.6	82.8	87.6	88.4		91.8	92.0		92.5				
≥ 3000	9.1	65.9	75.3	83.4	88.7	89.5	92.2	93.1			93.9		-		94.3
≥ 2500	9.1	66.0	75.5	83.7	88.9	89.7	92.4	93.3	93.5		94.1	94.1			
≥ 2000	9.8	66.5	76.0	84.3	89.6	90.3	93.0	94.0	94.2		94.7	94.7	94.8		95.2
≥ 1800	9.8	66.8	76.3	84.6	90.0	90.8	93.4	94.4	94.6		95.2	95.2			95.6
≥ 1500	9.8		76.3	84.6			93.4								
> 1200		66.8		85.1			94.0		94.7						-
≥ 1200	9.8	67.1	76.7		90.4			95.1	95.3	95.8	95.8	95.8	95.9	96.0	96.2
	9.8	67.1	76.7	85.1	90.4		94.1	95.2	95.4						96.3
≥ 900	9.8	67.2	76.9	85.3	90.6	91.4	94.3	95.4	95.6		96.1	96.1	96.2	96.3	96.6
	9.8	67.3	77.0	85.5	90.9	91.7	94.6	95.7	96.1			96.7			-
≥ 700 ≥ 600	9.8	67.3	77.1	85.6	91.1		94.9	96.0	96.5	111	97.0	97.0		97.2	97.4
≥ 000	9.8	67.3	77.2	85.7	91.2	92.2	95.2	96.2	96.7		97.2	97.2		97.4	97.6
≥ 500	9.8	67.3	77.2	85.7	91.2		95.2	96.2	96.8		97.4	97.4	97.5	97.6	97.8
≥ 400	9.8	67.3	77.2	85.7	91.4	92.4	95.4	96.5	97.0		97.6	97.6	97.7	97.8	98.
≥ 300	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.1	98 . 2	98 . 1
≥ 200	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.0
≥ 100	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.1
2 0	9.8	67.3	77.3	85.8	91.5	92.5	95.5	96.6	97.1	97.8	97.8	97.8	98.3	98.4	99.1

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SOLTIONS OF THIS FORM ARE DESOLUTE

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1.

CEILING VERSUS VISIBILI

724240 STATION

FT KNOX/GODMAN AAF KY

65-70,75-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-01

CEILING							VIS	BILITY ST.	ATUTE MILI	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	24	
NO CEILING	10.8	41.9	48.1	52.8	57.7	59.4	61.4	62.0	62.5	62.7	62.8	62.8	62.8	62.9	62.9	6
≥ 20000	11.3	45.3	52.4	57.5	63.2	64.9	67.0	67.6	68.1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 18000	11.3	45.3	52.4	57.5	63.2	64.9	67.D	67.6	68 - 1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 16000	11.3	45.3	52.4	57.5	63.2	64.9	67.0	67.6	68.1	68.3	68.4	68.4	68.4	68.5	68.5	6
≥ 14000	11.3	45.7	52.8	58.0	63.7	65.4	67.4	68.1	68.5	68.7	68.8	68.8	68.8	68.9	68.9	6
≥ 12000	11.8	47.1	54.6	60.0	65.8	67.5	69.6	70.2	70.6	70.9	71.0	71.0	71.0	71.1	71.1	7
> 10000	12.9	50.6	58.6	64.3	70.6	72.6	75.3	76 . D	76.7	76.9	77.0	77.0	77.0	77.1	77.1	7
≥ 9000	12.9	51.5	59.5	65.2	71.5	73.4	76.1	76.9	77.5	77.7	77.8	77.8	77.8	78.0	78.0	7
≥ 8000	13.0	54.1	62.3	68.3	75.2	77.1	80.1	80.9	81.6	81.9	82.0	82.D	82.0	82.2		8
≥ 7000	13.4	55.1	63.3	69.4	76.3	78.3	81.3	82.0		83.1	83.2	83.2	83.2	83.3	83.3	8
≥ 6000	13.9	55.6	63.9	70.2	77.3	79.2	82.4	83.1	83.9	84.2	84.3	84.3	84.3	84.4	84.4	8
≥ 5000	14.3	56.9	65.3	71.9	79.2	100	84.4	85.2		86.2	86.3	86.3	86.3	86.5	1100	8
> 4500	14.3	57.0	65.4	72.2			85.4			1 11 2 10 1 10 10 10	87.3	87.3		87.4	87.4	8
≥ 4000	14.6	58.1	66.5			83.5	0.7	11 10	88.6	19.00	89.0			89.1	89.1	8
≥ 3500	14.7	58.8	67.4		82.3	84.6	88.1	89 D			90.2	90.2		90.3		9
≥ 3000	15.1	59.6	68.3													
≥ 2500				75.5	83.3				91.1							
≥ 2000	15.1	59.8	68.5		83.5	85.9		90.4			91.7	91.7		91.8		9
	15.2	60.2	69.7	76.3		86.7			92.0		92.5					
≥ 1800	15.2	60.3	69.1		84.4	86.8	90.3							92.7	, ,	9
	15.3	60.4	69.2		84.6	87.1	90.8		92.6	-	93.0			93.1		9
≥ 1200	15.4	60.9	69.7	77.1	85.2	87.6		92.4			93.7	93.7		93.8	93.8	9
	15.4	61.0	69.9	77.3	85.4	88.0			93.9		94.3			94.4	94.4	9
≥ 900 ≥ 800	15.5	61.2	70.2	77.7	85.8	88.4	92.4				94.7	94.7	94.7	94.8	94.8	9
≥ 800	15.5	61.3	70.5		86.2		92.9	94.0			95.4	95.4	95.4	95.5	95.5	9
≥ 700	15.5	61.5	70.9	78.5	86.7	89.6	93.5	94.6	95.5	95.8	96.0	96.0	96.0	96.1	96.1	9
≥ 600	15.6	61.9	71.3	79.1	87.5	90.4	94.6	95.7	96.8	97.1	97.4	97.4	97.4	97.5	97.5	9
≥ 500	15.6	61.9	71.3	79.1	87.7	90.6	95.1	96.3	97.4	97.8	98.2	98.2	98.3	98.4	98.4	9
≥ 400	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.1	98.4	98.4	98.5	98.6	98.6	9
≥ 300	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.2	9
≥ 200	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.4	9
> 100	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.5	10
≥ 0	15.6	61.9	71.4	79.2	87.8	90.9	95.3	96.6	97.6	98.3	98.8	98.9	99.0	99.2	99.5	0

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JULIA 0-14-5 (OL A) PROVIOUS SSITIONS OF THIS FORM ARE SRESLETE

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CEILING VERSUS VISIBILI

724240

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0

FT KNOX/GODMAN AAF KY

65-70,75-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1

CEILING							VIS	BLITY ST	ATUTE MILI	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ ′4	T
NO CEILING ≥ 20000	19.7	54.0	58.5	61.3	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	1
≥ 18000 ≥ 16000	20.4	58.5	63.2	66.5	68.5	68.7	68.8	68.8	68.9 69.0	68.9 69.0	68.9	68.9	68.9	68.9 69.0	68.9	1
≥ 14000 ≥ 12000	20.4	59.0	63.8	66.9	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	4
≥ †0000 ≥ 9000	22.8	65.7	71.0	74.1	76.9	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
≥ 8000 ≥ 7000	23.2	68.9	74.5	77.7	80.5	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
≥ 6000 ≥ 5000	24.2	71.2	76.8 78.3	80.0	82.8	83.0	83.3	83.4	83.5	83.5	83.5	83.5 85.1	83.5	83.5	83.5	
≥ 4500 ≥ 4000	24.2	72.6	78.3	81.5	84.3	84.5	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	Ī
≥ 3500 ≥ 3000	24.6	74.2	80.3	83.8	86.8	87.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	1
≥ 2500 ≥ 2000	25.3	76.3	82.8	86.2	89.2	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	d.
≥ 1800 ≥ 1500	25.7	78.1	84.6	88.1	91.1	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	ш
≥ 1200 ≥ 1000	25.9	80.1	87.4	91.0	94.5	95.2	95.7	95.8	96.0	96.B	96.B	96.0	96.0	96.0 96.8	96.0	и.
≥ 900 ≥ 800	26.0 26.0	80.4	87.7	91.4	95.3	96.1	96.8	97.0	97.2 98.1	97.3	97.3 98.2	97.3	97.3	97.3	97.3	Т
≥ 700 ≥ 600	26.1	81.Q 81.2	88.5	92.4	96.6	97.4	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 500 ≥ 400	26 · 1 26 · 1	81.2	88.9 89.0	92.8 93.0	97.2	98.2	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	7
≥ 300 ≥ 200	26.1 26.1	81.2	89.0	93.0	97.5	98.5	99.5	99.7	99.9		100.0		100.0	100.0		
≥ 100 ≥ 0	26.1	81.2	89.0	93.0 93.0	97.5	98.5	99.5	99.7		-				100.0		- 1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 84 0-14-5 (OL A) PROVIDUS SDITIONS OF THIS FERM ARE SECOLOTE

CEILING VERSUS VISIBILI

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1

CEILING							VIS	BILITY ST	ATUTE MIL	E5						
(FEET)	≥10	26	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥+%	≥1%	≥1	≥ 4	≥%	≥ ⅓:	≥5/16	≥ ¼	Γ
NO CEILING	24.9	57.7	60.9	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	1
≥ 20000	26.3	63.7	67.1	67.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	1
≥ 18000	26.3	63.9	67.3	67.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	1
≥ 16000	26.3	63.9	67.3	67.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	1
≥ 14000	26.9	64.4	67.8	68.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	1
≥ 12000	27.3	65.9	69.6	70.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	1
≥ 10000	29.0	69.6	73.7	74.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	1
≥ 9000	29.4	70.1	74.2	74.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	Ŀ
≥ 8000	30.3	72.5	76.9	77.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	1
≥ 7000	30.8	73.5	78.0	78.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	1.03	
≥ 6000	31.3	74.2	78.7	79.6	80.8			80.9	80.9	80.9	80.9	80.9	80.9	80.9	83.9	
≥ 5000	31.6	75.1	80.3	81.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	1
≥ 4500	31.8	75.7	81.0	81.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
≥ 4000	32.9	79.4	85.1	86 . 0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
≥ 3500	33.4	80.6	86.8	87.8	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
≥ 3000	34.3	83.2	89.5	90.5	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
≥ 2500	35.4	85.5	92.2	93.2	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	
≥ 2000	35.8	86.3	93.2	94.4			96.5	96.5	96.5	96.6	96.6	96.6	96.5	96.6	96.6	1
≥ 1800	36.1	87.4	94.3	95.5	97.1	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7		97.7	
≥ 1500	36.1	87.8	94.8	96.0	97.6	97.8	98.4	98.4	98.4	98.5	98.6	98.6	98 . 6	98.6	98.6	1
≥ 1200	36.1	88.0	95.1	96.2	97.8	98.1	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	T
≥ 1000	36.1	88.3	95.5	96.7	98.3		99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	1
≥ 900	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	Г
≥ 800	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	
≥ 700	36.1	88.3	95.5	96.7	98.4	98.6	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	1
≥ 600	36.1	88.3	95.5	96.7	98.5	98.7	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	L
≥ 500	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	
≥ 400	36.1	88.3	95.5	96.7			99.5		99.6	99.7	99.8	99.8	99.9	99.9	99.9	
≥ 300	36.1	88.3	95.5	96.7	98.5	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	T
≥ 200	36.1	88.3	95.5	96.7	98.5	98.8	99.5		99.6	99.7	99.8	99.8	99.9	99.9	99.9	1
> 100	36.1	88.3	95.5	96.7	98.5		99.5					99.8		99.9		t
≥ 0	36.1	88.3	95.5	96.7					99.6			99.8		99.9		

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC FORM 0-14-\$ (OL A) PREVIOUS ENTINES OF THIS FORM ARE OPEOLOTE

CEILING VERSUS VISIBIL

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-

CEILING							VIS	BILITY ST	ATUTE MIL	E 5					
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ (%	21%	21	≥ ¼	≥%	≥%	≥ 5/16	≥ ′≤
NO CEILING ≥ 20000	26.0	60.1	62.0	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000 ≥ 16000	27.4	65.7	68.3	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0 71.0	71.0	71.0
≥ 14000 ≥ 12000	28.0	66.5	69.0	70.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	29.7	72.7	75.7	77.3	78.6	78.6 79.8	78.6	78.6 79.8	78.6	78.6	78.6 79.8	78.6 79.8	78.6	78.6	78.6
≥ 8000 ≥ 7000	30.8 31.4	76.6 78.6	79.9	81.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000 ≥ 5000	31.7	79.0	82.4	84.0 85.7	85.3 87.1	85.3	85.3 87.1	85.3 87.1	85.3	85.3 87.1	85.3 87.1	85.3	85.3 87.1	85.3 87.1	85 · . 87 · .
≥ 4500 ≥ 4000	32.6	81.0	84.6	86.2	87.6 90.3	87.6	87.6 90.3	87.6	87.6	87.6 90.3	87.6 90.3	87.6 90.3	87.6 90.3	87.6 90.3	87.0 90.
≥ 3500 ≥ 3000	33.3	85.5 87.1	89.7	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500 ≥ 2000	33.9	88.3	93.3	95.5	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.0
≥ 1800 ≥ 1500	34.0	88.8	94.1	96.5	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7 99.2	98.7	98.
≥ 1200 ≥ 1000	34.4	89.4	94.6	97.0	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 900 ≥ 800	34.4	89.6	95.1 95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 700 ≥ 600	34.4	89.6	95.1 95.1	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 500 ≥ 400	34.4	89.6	95.1 95.1	97.4	99.5	99.7	99.8	99.9	99.9 100.0	99.9	99.9	99.9	99.9	99.9	99.
≥ 300 ≥ 200	34.4	89.6	95.1 95.1	97.4	99.5	99.7	99.9			100.0		100.0	100.0	100.0	100.
≥ 100 ≥ 0	34.4	89.6	95.1	97.4	99.5	99.7	99.9			100.0		100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 40 0-14-5 (OL A) PROVIOUS COITIONS OF THIS FORM ARE CONCLETS

0

CEILING VERSUS VISIBILIT

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-201

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %	≥ 5/16	≥ '4	2
NO CEILING ≥ 20000	23.2	63.2			70.0	70.0		70.1 75.5	70.1 75.5	70.1 75.5	70.1 75.5	70.1 75.5	70.1 75.5	79.1 75.5	70.1 75.5	70
≥ 18000 ≥ 16000	23.8	67.6	70.9	73.9	75.4	75.4 75.4	75.6 75.6	75.6 75.6	75.6		75.6 75.6	75.6 75.6	75.6	75.6 75.6	75.6 75.6	79
≥ 14000 ≥ 12000	23.9	68.0	71.2		75.7 78.0	75.7 78.0	75.9 78.2	75.9 78.2	75.9	75.9 78.2	75.9	75.9 78.2	75.9 78.2	75.9 78.2	75.9 78.2	7 7
00001 ≤	25.4	75.6	79.7	82.8	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	8
≥ 8000 ≥ 7000	26.6	80.2	84.7	88.2	89.7	89.7					89.9	89.9	89.9	89.9	89.9	8 9
≥ 6000 ≥ 5000	26.9	82.6		91.0	92.5	92.5		1000	92.7		92.7	92.7	92.7	92.7	92.7	9
≥ 4500 ≥ 4000	27.3	84.8	90.0	93.7	95.2	95.2					95.4	95.4	95.4 97.0	95.4 97.0	95.4 97.0	9
≥ 3500 ≥ 3000	27.4	86.3	91.7	95.6	97.1	97.1 98.7	97.5				97.5	97.5	97.5	97.5	97.5	9 0
≥ 2500 ≥ 2000	27.5	87.2		97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
≥ 1800 ≥ 1500	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
≥ 1200 ≥ 1000	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	1 1 1	99.7	99.7	99.7	99.7	99.7	9
≥ 900 ≥ 800	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
≥ 700 ≥ 600	27.5	87.2	93.3	97.4	98.9	99.1	99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.7	9
≥ 500 ≥ 400	27.5	87.2	93.3	97.4	98.9	99.1	99.7 100.0			99.7		99.7	99.7	99.7	99.7	9
≥ 300 ≥ 200	27.5	87.2	93.3	97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	130.0	00.0		_
≥ 100 ≥ 0	27.5	87.2		97.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	0

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 . 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE SESSELETS

CEILING VERSUS VISIBIL

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2

CEILING							VIS	-8 LITY ST.	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ ٧;	≥ 5/16	≥ 1/4
NO CEIUNG ≥ 20000	15.2 15.2	65.5	69.0	72.5 75.8	73.5 77.0	73.5	73.8 77.5		73.8			73.8	73.8	73.8	73.8
≥ 18000 ≥ 16000	15.2	68.7	72.6	76.2	77.4	77.5					78.0 78.0	78.0 78.0	78.0 78.0	78.0 78.0	78.0
≥ 14000 ≥ 12000	15.4	68.9	72.8	76.5	77.6	77.7	78.2 79.2	78 • 2 79 • 2	78.2	78.2 79.2	78.2	78.2	78.2	78.2	78.2
≥ 10000 ≥ 9000	15.8 15.8	72.7	77.1 78.3	80.9	82.0	82.2	82.6		82.6	82.6	82.6	82.6 84.0	82.6	82.6 84.0	82.6
≥ 8000 ≥ 7000	16.2	76.2	81.6	86.1	87.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000 ≥ 5000	16.3	78.8	84.5	89.1	90.6	90.8			91.2	91.2		91.2	91.2	91.2	91.2
≥ 4500 ≥ 4000	16.6	81.8	87.5	92.2	93.9	94.0	94 - 4	94.4	94.4 96.0	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500 ≥ 3000	16.7	84.0	90.2	94.9	96.7	96.8	97.2	97.2	97.2	97.2 98.6	97.2	97.2	97.2	97.2	97.2
≥ 2500 ≥ 2000	16.7	84.9	91.5	96.7	98.5	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800 ≥ 1500	16.7	85.3	91.8	97.0	98.9	99.1	99.6	99.6	99.6	99.6		99.6	99.6	99.6	99.6
≥ 1200	16.7	85.4	91.9	97.2	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01
≥ 700 ≥ 600	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01
≥ 500 ≥ 400	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01
≥ 300 ≥ 200	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01
≥ 100 ≥ 0	16.7	85.6	92.2	97.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE DESOLETE

CEILING VERSUS VISIBIL

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FT KNOX/GODMAN AAF KY

65-70,75-78

JUI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AL

CEILING							VIS	BLITY STA	ATUTE MIL	E5-					
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ ¼
NO CEILING	17.1	56.6	63.7	64.1	66.0	66.3	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	17.8	60.6	65.2	68.8	71.1	71.5	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.7
≥ 18000	17.8	60.7	65.3	68.9	71.2	71.6	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 16000	17.8	60.7	65.3	68.9	71.2	71.6	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 14000	18.0	61.1	65.7	69.3	71.6	72.0	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 12000	18.3	62.7	67.5	71.2	73.5	73.9	74.6	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 10000	19.3	66.4	71.6	75.4	77.9	78.3	79.1	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	19.6	67.5	72.7	76.6	79.1	79.5	80.3	80.6	80.8	80.8	80.8	80.8	80.9	60.9	80.9
≥ 8000	20.1	70.1	75.8	79.9	82.7	83.0	84.0		84.4			84.5	84.5	84.5	84.5
≥ 7000	20.3	71.3	77.2	81.5	84.2	84.6				12700	86.0	200		86.1	86 . 1
≥ 6000	20.7	72.0	77.9	82.2	85.0	-	86.3		86.7	86.8	86.9	86.9	86.9	86.9	86.9
≥ 5000	21.0	73.2	79.3	83.7	1	87.0	87.9	1,750,71		88.4	Action to the second		88.5	2000	-101
≥ 4500	21.0	73.8	80.0	84.5	87.4	87.8	88.8						89.3	-	89.4
≥ 4000	21.4	75.6	81.9	86.5			90.9	-			91.5		91.5		
≥ 3500	21.5	76.5	83.1	87.8	90.9	-	92.4				93.0				
≥ 3000	21.7	77.7	84.7		92.6		94.2		94.7		94.8		94.8		94.9
> 2500	22 0	78.4	85.5	90.2			95.1		95.6					95.8	95.8
≥ 2000	22.1	78.8	86.0		94.1		95.7		96.2				96.4		96.5
≥ 1800	22.2	79.2	86.3	91.2	94.4				96.6					96.8	
≥ 1500	22.3	79.5	86.7	91.6		95.5	96.1		-				96.8		96.9
≥ 1200								96.9			97.3		97.3		
≥ i000	22.3	79.7	87.0	91.9	95.2		97.0	97.4				97.7	97.7	97.8	97.8
	22.1	79.8	87.2				97.3			-	98.0		2.7	98.1	98.1
≥ 900 ≥ 800	22.3	79.9	87.2	92.2	95.6		97.5	97.8			1	98.2	98 - 2	98.2	98 . 3
	22.3	79.9	87.4			96.4	97.7		98.3		98.4			-	98 . 5
≥ 700 ≥ 600	22.3	80.q	87.5	92.4	95.9		97.9		98.5		460	-	98.7	98.7	98.8
2 800	22.1	80.1	87.6	92.6	96.1		98.1		98.8						99.
≥ 500	22.3	80.1	87.6	92.6	96.2		98.3						99.3	99.3	99.3
≥ 400	22.3	80.1	87.6	92.6	96.3		98.5	98.9			-		99.4	99.4	99.5
≥ 300	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0				99.5	99.6	99.6	99.
≥ 200	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8
≥ 100	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8
≥ 0	22.3	80.1	87.7	92.7	96.4	97.2	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JULS 0-14-5 (OL A) PROVIDUO ODITIONO OF THIS PORM ARE OBSOLETS

CEILING VERSUS VISIBILI

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FT KNOX/GODMAN AAF KY

65-70,75-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0030-E

CEILING							VIS	BLITY ST	ATUTE MILI	E 5					
#FEE")	≥ 10	≥ 6	≥5	≥ 4	≥3	≥ 2 1/2	≥ ?	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ 'a
NO CEILING	10.5	63.2	67.0	69.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	10.9	65.2	69.8	73.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	11.0	65.3	69.9	73.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	11.0	66.8	72.1	75 . 6	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	11.0	69.2	75.5	79.0	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	11.3	70.4	76.6	80.2	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	11.4	72.2	79.0	82.8	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	11.4	72.8	79.5	83.3	87.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	11.6	74.0	80.7	84.5	88.5	89.0	89.1	89.1	89.1		89.1	89.1	89.1	89.1	
≥ 5000	11.7	74.4	81.2	84.9	88.9		89.6	89.6	89.6		89.6	89.6	89.6		89.6
≥ 4500	11.7	75.2	82.0	85.8	89.8	90.3	90.4	90.4			90.4	90.4	90.4		90.4
≥ 4000	12.1	76.9	84 . 6	88.4	92.4		93.0					93.0			93.0
≥ 3500	12.3	77.4	85.1	88.9	92.9	93.6	93.8					93.8		93.8	93.8
≥ 3000	12.3	78.0		90.4	94.5	95.3	95.5		95.5		95.6	95.6		95.6	95.6
≥ 2500	12.3	78.3	86.7	90.7	94.9	95.7	95.9	95.9	95.9		96.0	96.0	96.0	96.D	96.0
≥ 2000	12.4	78.8	87.3	91.4	95.6	96.3	96.7	96.7			96.8	96.8			
≥ 1800	12.4	78.8	87.3	91.4	95.6	96.3	96.8	96.8	96.8		96.9	96.9	96.9	96.9	96.9
≥ 1500	12.6	79.1	87.7	91.8	96.1	96.9	97.3				97.4	97.4	97.4		97.4
≥ 1200	12.6	79.2	87.8	92.0	96.3	97.1	97.5				97.6	97.6	97.6	97.6	97.6
≥ 1000	12.6	79.3	87.9	92.1	96.6	97.3	97.7	97.7	97.7		97.8	97.8	97.8	97.8	97.8
> 900	12.6	79.3	87.9	92.1	96.9	97.6	98.1	98.1	98 - 1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	12.6	79.3	87.9	92.1	96.9	97.6	98.1	98.1	98 . 1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	12.6	79.5	88.3	92.7	97.5	98.3	98.7	98.7	98.7	-	98.8	98.8	98.8	98.8	98.8
2 600	12.6	79.5	88.3	92.7	97.5	98.3	98 . 7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
> 400	12.6	79.7		92.8	97.6	98.4	98.8	98.8	98 . 8		98.9	98.9	98.9	98.9	98.9
≥ 500 ≥ 400	12.6	79.7	88.4	92.8		98.4	98.9	99.1	99.1	99.2	99.2		99.2	99.2	99.2
	12.6	79.7		93.0	97.6	98.6	99.1	99.5			99.6	99.2	99.6	99.6	99.6
≥ 300 ≥ 200	12.6	79.7		93.0			99.1	99.5							
			88.6	-	97.8	98.6	-				99.7	-	_	99.7	99.7
≥ 100 ≥ 0	12.6	79.7	88.6		98.0	98.7	99.2				99.9			100.C	
2 0	12.6	79.7	88.6	93.Q	98.0	98.7	99.2	99.6	99.6	99.8	99.9	99.9	700.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PROVIDUS SOITIONS OF THIS FORM AND GOSOLOTE

CEILING VERSUS VISI

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01

CEILING							V15	BILITY ST	ATUTE MILI	ES					
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	25710	
NO CEILING	8.0	52.5	59.6	64.8	69.0	70.6	72.0	72.7	72.9	72.9	72.9	72.9	72.9	72.9	7
≥ 20000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	1
≥ 18000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	1
≥ 16000	8.2	53.9	61.4	66.7	71.5	73.1	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	1 7
≥ 14000	8.3	54.1	61.6	67.0	71.7	73.3	74.7	75.3	75.6	75.6	75.6	75.6	75.6	75.6	
≥ 12000	8.4	55.1	63.0	68.4	73.4	75.0	76 . 4	77.1	77.3	77.3	77.3	77.3	77.3	77.3	1 7
≥ 10000	8.7	59.2		73.2	78.5	80.1	81.5	82.1	82.3		82.3			82.3	8
≥ 9000	8.8	59.4	67.7	73.6	79.0	80.6			82.9		82.9		82.9	82.9	8
≥ 8000	8.9	60.4	58.8	74.9	80.3	81.9			84.2		84.2	84.2	84.2	84.2	_
≥ 7000	9.0	60.8	69.5	75.8	81.2	82.9	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	8
> 6000	9.4	61.2	70.4	76.7	82.1	83.9		85.9		86.1	86.1	86.1	86.1	86.1	8
≥ 5000	9.4	61.9	71.3	77.6		84.9	86.3		87.2		87.2	87.2	87.2	87.2	8
≥ 4500	9.4	62.5	72.0	78.6	84.1	85.9			88.2	88.2	88.2	88.2	88.2	88.2	-
≥ 4000	9.4	63.3		79.8		87.4	717 60		89.7				89.7		
≥ 3500	9.4	63.6	73.5	80.3	86.0	87.9	89.3		90.2	90.2	90.2				-
≥ 3000	9.6	64.0		81.5		89.6								92.6	1
≥ 2500			74.4		87.6	89.9	91.7		92.5	92.9		92.9	93.0	93.0	1
≥ 2000	9.7	64.4		81.8	87.9						93.9				1
≥ 1800	9.7	64.5		82.2			92.6		93.9						_
≥ 1800 ≥ 1500	9.8	64.6	74.8	82.3	88.7	90.6	92.8		94.2	And the second	94.2	94.2		94.3	
	9.8	64.7	74.9	82.5	89.2	91.2	93.3		94.7						_
≥ 1200	9.9	65.1	75.6	83.1	90.0	91.9	94.1	95.3			95.5	95.5	95.6	95.6	9
	9.9	65.6	76.0	83.5	90.4	92.4			95.9						-
≥ 900 ≥ 800	9.9	65.7	76.1	83.6	90.5	92.5	94.6	95.8	96.0	96.D		96.0	96.1	96.1	9
	9.9	65.9	76.3	83.9	90.7	92.7	94.9	96.1			96.3	96.3	96.4	96.4	-
≥ 700	9.9	66.1	76.5	84.1	91.0	92.9	95.2	96.3	96.6	96.6	96.6	96.6	96.7	96.7	
≥ 600	9.9	66.1	76.5	84.1	91.0	92.9		96.4		96.7	96.7		96.8	96.8	-
≥ 500	9.9	66.2	76.6	84.4	91.3	93.2	95.7	96.9	97.1	97.1	97.1	97.1	97.2	97.2	,
≥ 400	9.9	66.2		84.8	91.7	93.6	-	97.6		97.8	97.8	97.8	98.0		-
≥ 300	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	98.7	98.7	9
≥ 200	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	99.0	99.0	9
> 100	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98 . 3	98.5	98.6	98.6	98.6	99.0	99.0	9
≥ 0	9.9	66.2	76.6	84.8	91.9	94.0	96.6	98.3	98.5	98.6	98.6	98.6	99.0	99.0	1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PROVIOUS ODITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIB

65-70,75-78

724240 FT KNOX/GOOMAN AAF KY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ∀;	≥5/16	≥ 1/4
NO CEILING	11.2	38.5	45.4	51.5	57.1	59.7	62.8	63.7	64.0	64.1	64.2	64.4	64.5	64.5	64.
≥ 20000	11.5	40.3	47.4	54 . 1	60.0	62.6	65.8	66.8	67.3	67.5	67.6	67.8	68.0	68.D	68.
≥ 18000	11.5	40.3	47.4	54.1	60.0	62.6	65 . 8	66.8	67.3	67.5	67.6	67.8	68.0	68.0	68.
≥ 16000	11.5	43.3	47.4	54.1	60.0	62.6	65.8	66.8	67.3	67.5	67.6	67.8	68 . D	68.0	68.
≥ 14000	11.5	40.5	47.6	54.3	60.2	62.8	66.0	67.D	67.5	67.7	67.8	68.1	68.2	68.2	68.
≥ 12000	12.6	42.6	50.1	57.0	63.2	65.9	69.2	70.2	70.8	71.0	71.1	71.3	71.4	71.4	71.
≥ 10000	13.5	44.7	52.7	59.9	67.1	70.1	73.8	74.8	75.4	75.7	76.1	76.3	76.5	76.5	76 .
≥ 9000	13.7	46.2	54.3	61.8		72.2	76.2	77.3	77.8	78.2	78.6	78.8	78.9		78.
≥ 8000	13.8	47.0	55.4	63.1	70.5	73.7	77.8		79.5	79.9	80.3	80.5	80.6	80.6	
≥ 7000	14.2	47.8	56.2	64.2	71.6	74.7	78.9	80.0	80.5		81.4	81.6	81.7	1	81.
≥ 6000	14.2	48.0	56.5		71.9	75.1	79.2						82.0		
≥ 5000	14.3	48.3	56.9		72.5	75.6	79.8		81.4					82.6	
≥ 4500	14.3	48.9				76.3				82.6					
≥ 4000	14.5	50.0	58.7		74.4	77.6	7 1 1 1 1 1		83.4		0.000			84.6	
≥ 3500	14.6	50.5		67.3	75.3	78.6				85.1		85.7	85.8	85.8	
≥ 3000	14.6	51.6	60.5		77.2	80.5				87.1			88 . D		
≥ 2500	14.7	51.7	60.6	69.1	77.3	80.6						88.2			
≥ 2000	14 7	51.9	61.0	69.6	77.8	81.2		87.0			88.6	1012		88.9	
≥ 1800	14.8	52.0	61.2	69.8	78.1	81.4				88.3	-	89.D			
≥ 1500	14.9	52.4	61.6	70.2	78.6	81.9	86.6			88.9	89.5	89.7		89.8	89
≥ 1200	15.4	53.5	62.8	71.5	80.2	83.5					91.1	91.3	91.4		
≥ ,000	15.4	53.8	63.1	71.9	80.6	84.0	88.8				91.7	91.9	92.0		92
≥ 900	15.4	53.9	63.3	72.2	80.9	84.2	89.	90.2		91.4	91.9	92.2	92.3		-
2 800	15.4	54.4	63.9	72.8	81.7	85.1	89.9		91.7	92.3	92.8	93.0	93.1	93.1	93
≥ 700	15.4	54.5	64.0	73.0	81.9	85.3	90.8			93.1	93.8	94.D	94 1	94.1	94
≥ 600	15.4	54.6	64.3	73.4	82.4	85.9	91.5			94.0		94.8	94.9	94.9	94
> 500	15.4	54.7	64.5	74.1	83.4	87.1	92.7			95.4	96.0	96.2	96.3		96
≥ 500 ≥ 400	15.4	54.7	64.6	74.3	83.8	87.5					97.1	97.3	97.5	97.5	97
≥ 300	15.4	54.7	64.6	74.3	83.8	87.6	93.5	95.2	95.9	96.8	97.7	98.1	98.5	98.5	98
≥ 200	15.4	54.7	64.6	74.3	83.8	87.6	93.7				97.8	98.2	98 - 7	1110	98
	15.4	54.7		74.3	83.8	87.6					97.8	98.2	-	98.9	99
≥ 100					7								7.0		
	15.4	54.7	64.6	74.3	83.8	87.6	93.7	95.3	96.0	96.9	97.8	98.2	98.8	98.9	99

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIE

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

090

CEILING							VI5	181L174 57,	ATUTE MIL	£5					
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ⊬:	≥5/16	≥ %
NO CEILING ≥ 20000	20.4	52.4		60.8	61.6	61.9					62.0		62.0		
-	21.5		-	64 . 8		66.1			66.1	66.1			66.2		
≥ 18000 ≥ 16000	21.5	56.3		64.9	65.8	66.2	66.2	66.2	66.2				66.3	66.3	66.
≥ 14000	21.7	56.7		65.3	66.1		66.6		66.6		66.7		66.7	66.7	66.
≥ 12000	23.3	59.1	63.5	68.0	68.8			69.2	69.2			69.4	69.4	69.4	
≥ 10000	23.8	61.9		72.0	73.0			73.5				73.7	73.7	73.7	73.
≥ 9000	24.1	62.8	68.1	73.1	74.2	74.6		74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.
≥ 8000	24.5	64.4	70.3	75.4	76.6	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.
≥ 7000	24.7	64.9	70.9	75.9	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.
≥ 6000	24.7	65.1	71.0	76.0	77.2	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77
≥ 5000	24.9	65.5	71.4	76.6	77.7	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78
≥ 4500	24.9	66.0	71.9	77.1	78.3	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79
≥ 4000	25.1	67.4	73.4	78.6	79.9	80.3	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80
≥ 3500	25.4	68.1	74.2	79.6	81.0	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81
≥ 3000	25.8	69.9	76.2	81.9	84.0	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84
≥ 2500	26.2	70.3	76.8	82.5	84.5	84.9	85.2	85.3	85.3	85.3	85.4	85.4	85 . 4	85.4	85
≥ 2000	26.2	70.9		83.2						86.3	86.5		86.5	86.5	
≥ 1800	26.7	71.9			86.6				87.4	87.4	87.5		87.5	87.5	
≥ 1500	26.8	72.8				88.2									
≥ 1200	26.8	74.3		87.4	89.9		90.6	90.8	90.8		90.9		90.9	90.9	90
≥ ;000	26.8	75.2						92.4						92.5	92
≥ 900 ≥ 800	26.8	75.6		89.7	92 • 4			93.8	93.8		93.9		93.9	93.9	93
	26.8	75.9				94.4			95.3		95.4				95
≥ 700 ≥ 600	26 . 8	76.0		91.1	94.0				95.7				95.8	95.8	95
	26.8	76.1	84.4			95.6		96.6			96.9		96.9		
≥ 500 ≥ 400	26.8	76.2			95.2	96.2	97.2		97.8		98.1		98.1		91
	26.8	76.2			95.3			98.4							-
≥ 300	26 . 8	76.2						4.7 4 4 4 4	99.4			100.0			
	26.8	76.2			95.3	-			99.4			100.0			
> ,00	26 . 8	76.2	100		95.3			98.7				100.0			
= 0	26.8	76.2	84.8	91.9	95.3	96.8	98.1	98.7	99.4	79.7	100.0	100.0	100.0	100.0	LU

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PROVIOUS SOTTIONS OF THIS FORM ARE GOODLETS

CEILING VERSUS VISII

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12

CEILING							VIS	18:LITY 57.	ATUTE MIL	E5					
(FEET)	≥10	≥6	2.5	≥ 4	≥3	≥21/5	≥2	≥1%	21%	21	≥ %	≥ %	≥%	≥ 5/16	2
NO CEILING	25.4	54.4	59.4	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62
≥ 20000	27.0	58.5	63.4	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 18000	27.0	58.5	63.4	65 . 7	66.0	66.3	66 . 3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 16000	27.0	58.5	63.4	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
≥ 14000	27.3	58.8	63.8	66 . Q	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66
≥ 12000	28.3	61.1	66.0	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68
≥ 10000	28.8	64.2	69.4	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72
≥ 9000	29.1	65.2	70.3	72.9	73.2	73.5	73.5			73.5	73.5	73.5	73.5	73.5	73
≥ 8000	29.2	66.5	71.6	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74
≥ 7000	29.2	66.7	71.8	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75
2 6000	29.4	67.0	72.3	74.9	75.3	75.6	75.6	75.6			75.6	75.6	75.6	75.6	75
≥ 5000	29.9	68.3	73.7	76.3	76.7	77.0	77.0		77.0	77.0	77.0	77.0	77.0	77.0	77
≥ 4500	30.0	68.7	74.2	77.0	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77
≥ 4000	30.2	71.6	77.4	80.2	80.6	81.0	81.0	81 - 1	81.1	81.1	81.1	81.1	81.1	81.1	81
≥ 3500	31.3	74.7	80.8	83.7	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84
≥ 3000	32.9	79.6	85.6	88.8	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	91
≥ 2500	32.9	80.5	86.6	89.8	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.4	9
≥ 2000	33.2	81.8	88.1	91.4	92.5	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.3	9
≥ 1800	33.2	82.5	88.7	92.0	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	91
≥ 1500	33.7	83.5	89.8	93.1	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	9
≥ 1200	33.7	84.6	91.0	94.4	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.6	9
≥ 1000	33.8	85.4	91.9	95.6	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	9
≥ 900	33.8	85.5	92.0	95.9	97.4	97.7	98.0	98.1	98.1	98 - 1	98.1	98.1	98.3	98.3	9
≥ 800	33.8	85.5	92.0	95.9	97.4	97.8	98 . 1	98.2	98.2	98.2	98 . 2	98.2	98.4	98.4	9
≥ 700	33.9	85.7	92.3	96.1	97.6	98.2	98.4	98.5	98 . 5	98.5	98.5	98.5	98.7	98.7	9
≥ 600	33.9	85.7	92.3	96.1	97.7	98.3	98.5	98.7	98.7	98.7	98 - 7	98.7	98.9	98.9	9
≥ 500	33.9	85.7	92.3	96.2	98.0	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	9
≥ 400	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.00	3.0
≥ 300	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	00.0	1 (
≥ 200	33.4	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	00.0	11
> 100	33.4	85.7	92.3	96.2	98.0	98.7	99.5			99.8	99.8	99.8	100.0	100.0	11
2 0	33.9	85.7	92.3	96.2	98.0	98.7	99.5	99.8	99.8	99.8	99.8	99.8	100.0	00.0	1

TOTAL NUMBER OF OBSERVATIONS

USAR ETAC JUL 44 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM AND SOCIETY

CEILING VERSUS VISI

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1

CEILING							VIS	BILITY ST	ATUTE MIL	ES					
(FEE:)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %	≥5/16	
NO CEILING	28.4	58.0	61.9	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	6
≥ 20000	30.1	62.6	67.0	68.9	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	7
≥ 18000	30.2	62.7	67.1	69.0	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	7
≥ 16000	30.2	62.7	67.1	69.0	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	7
≥ 14000	30.4	63.0	67.4	69.4	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	7
≥ 12000	32.0	66.1	70.5	72.5	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	7
≥ 10000	33.0	70.4	75.2	77.2	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	7
≥ 9000	33.8	72.6	77.3	79.4	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	8
≥ 8000	33.9	74.2	78.9	81.1	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	8
≥ 7000	34.1	74.9	79.7	81.8	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	8
≥ 6000	34.3	75.4	80.1	82.3		83.4	83.4	83.4	83.4	83.4	83.4	83.4	63.4	83.4	8
≥ 5000	34.5	75.9	80.8	82.9		84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	8
≥ 4500	34.7	76.2	81.1	83.2		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	8
≥ 4000	35.8	79.1	84.2	86.3	(3)	87.6						87.6	87.6	87.6	a
≥ 3500	35.9	80.4	85.7	88.0		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	8
≥ 3000	36.9	84.8	90.3							94.4	94.4	94.4	94.4	94.4	_
> 2500	37.1	85.7	91.4	94.1	95.2	95.6		95.8	95.8	95.8	95.8	95.8	95.8	95.8	
≥ 2000	37.4	86.5			96.2			97.0			97.0				,
≥ 1800	37.4	86.6	92.5	95.2				97.1	97.1	97.1	97.1	97.1			_
≥ 1500	37.6	86.9	92.9	95.6				97.6		97.7		97.7			
≥ 1200	37.6	87.3	93.4	96.1	97.5	98.1	98.4	98.4	98.5	98.5	98.5				-
≥ 1000	37.7	87.4	93.7	96.5			98.8	98.8			98.9		98.9		
> 900	37.8	87.6	93.9	96.7	98.3		99.1	99.1	99.2	99.2	99.2	99.2		99.2	
≥ 800	37.8	87.6	93.9	96.7	98.3		99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 700	37.8	87.7	94.0	96.8		99.0		99.5		99.6	99.6	99.6	99.6	99.6	3
≥ 600	37.8	87.7	94.0	96.8		99.0		99.5	99.6	99.6		99.6	99.6	99.6	1
	37.8	87.7	94.0	96.8				99.5		99.7			99.7		-3
≥ 500 > 400						99.0	99.5		99.6		99.7	99.7		99.7	1
	37.8	87.7	94.0	96.8		99.0		99.5	99.6	99.7	99.7	99.7	99.7	99.7	
≥ 300 ≥ 200	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	
	37.8	87.7	94.0	96.8		99.0	99.5	99.5	99.6	99.7	99.7	99.7	-		
> 100	37.8	87.7	94.0	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7		99.9	
≥ 0	37.8	87.7	94.4	96.8	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GEOLETS

CEILING VERSUS VISIBI

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILLTY ST.	ATUTE MIL	ES					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥11/4	≥1	≥ ¼	≥ %	≥ ⊬:	≥ 5/16	≥ %
NO CEILING	23.7	62.9	67.8	69.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.
≥ 20000	24.5	66.7	72.4	74.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 18000	24.5	66.7	72.4	74 . 6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 16000	24.5	66.7	72.4	74.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
≥ 14000	24.9	67.2	72.9	75.2	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.
≥ 12000	26.9	70.1	75.9	78.2	79.9	80.1	80.2	80.2		80.2		80.2	80.2		
≥ 10000	27.4	73.3	79.2	81.6	83.5	83.8	83.9	83.9	83.9	83.9		83.9		83.9	
≥ 9000	27.8	74.6	80.5	82.9		85.1				85.2		2.1		85.2	
≥ 8000	28.2	77.2		85.9		88.5	88.6						88.6		
≥ 7000	28 . 2	78.2		86.9		89.5	-1.0	10 mm		89.6			89.6		-
> 6000	28.3	79.0	85.3	87.7	90.0	90'-3	90.4							90.4	
≥ 5000	28.3	79.7	85.9	88.4		91.1				91.2					-
≥ 4500	28.3	79.9	86.2	88.7	91.1	91.4								91.5	
≥ 4000	28.4	81.8	88.3	91.0		93.9				94.0	- 1		94.0		
≥ 3500	28.4	82.3	88.7	91.5	94.1	94.4					94.5		94.5		
≥ 3000	28.9	83.7	90.8	94.0		97.1									
≥ 2500	28.9	83.8	91.1	94.4	97.3	97.6					98.1		98.1		98
≥ 2000	28.9	83.9	91.2	94.5		97.8			98.6		100	98.6			98
≥ 1800	28.9	83.9	91.2	94.5	97.5	97.8						98.6			
≥ 1500	28.9	83.9									98.6	1. The State of th	98.7	98.7	98
	28.9		91.3	94.6	97.7	98.1	98.8		98.9		98.9	98.9			_
≥ 1200 ≥ i000		84.0	91.5	94.8	98.0	98.3					99.1	99.1	99.2	99.2	99
	28.9	84.2	91.7	95.1	98.2	98.5	99.2				99.4	99.4	99.5	99.5	99
≥ 900 ≥ 800	28.9	84.2	91.7	95 - 1	98.2	98.5	99.2				99.4	99.4	99.5	99.5	99
	28.9	84.2	91.7	95.1	98.2	98.5					99.4	99.4	99.5		99
≥ 700	28.9	84.2	91.7	95.1	98.2	98.5	99.2		-		99.4	99.4	99.5	99.5	99
≥ 600	28.9	84.3	91.8	95.2	98.3	98.6	99.4				99.5	99.5	99.6	99.6	99
≥ 500	28.9	84.3	91.8	95.2	98.3	98.6	99.4	99.4	99.5		99.5	99.5	99.6	99.6	99
≥ 400	28.9	84.3	91.8	95.2	98.4	98.7	99.5				99.6	99.6	99.7	-	99.
≥ 300	28 . 9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100
≥ 200	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100
≥ 100	28.9	84.3	91.0	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100
≥ 0	28.9	84.3	91.8	95.2	98.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	130.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) POSVIOUS SOTTIONS OF THIS POSM ASS SEEDLETS

CEILING VERSUS VISIB

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

219

CEILING							VIS	BILITY ST	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ 1/:	≥ 5/16	≥ ¼
NO CEILING	12.2	64.1	69.0	70.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.
≥ 20000	12.9	67.0	72.5	74 . 5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 18000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 16000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 14000	12.9	67.0	72.5	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.
≥ 12000	13.9	70.2	75.7	77.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.
≥ 10000	14.0	73.7	79.8	81.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.
≥ 9000	14.5	74.6	80.8	82.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 8000	14.9	77.7	84.9	87.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 7000	15.1	78.7	85.9	88.0	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.
≥ 6000	15.1	79.7	86.9	89.0		91.7				91.8					
≥ 5000	15.1	80.0	87.3	89.5		92.2	-			92.3				_	
≥ 4500	15.1	80.9		90.5						93.3					
≥ 4000	15.2	82.0		91.8	94.3					94.6					94.
≥ 3500	15.4	82.9		92.8						95.6				95.6	_
≥ 3000	15.4	83.3				96.6				96.7					
≥ 2500	15.5	83.9								97.4					
≥ 2000	15.5		91.8										97.5		
≥ 1800	15.5	83.9		94.5						97.5				97.5	
≥ 1500	15.6	84.0								97.6					
≥ 1200	15.6	84.0	-	94.6	97.3					97.6				97.6	
≥ :000	15.6	84.2			97.5					97.8					1
> 900	15.6	84.4		95.2		98.1	98.3				98.3				
≥ 800	15.6	84.4			97.8		98.3			98.3			10000		100
≥ 700	15.6	84.6		95.4		98.3			98.5			98.5		98.5	
≥ 600	15.6	7	92.7	100		of the same of the	The second second			98.5	200000000000000000000000000000000000000			98.5	11.50
≥ 500	15.6	84.6		95.4		98.3				98.5					
≥ 400	15.6	84.6		95.4	1000					98.6					
≥ 300	15.6	84.6		95.5		98.6				99.5				99.6	
≥ 200	15.6	84.6		95.5		98.6		99.1		99.5					
> 100	15.6		92.8		98.5			-	-	99.8					
≥ 0	15.6		92.8												
	13.0	04.0	74.0	73 . 3	49.3	7001	77.6		77.0	77.8	44.4	77.7	77.4	7707	LUU.

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ESTIONS OF THIS FORM AND SECOLETE

CEILING VERSUS VISIBI

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ ⊬;	≥ 5/16	≥ ′,
NO CEILING	17.5	55.7	60.8	64.1	66.4	67.1	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0
≥ 20000	18.3	58.8	64.3	67.8	70.4	7151	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 18000	18.3	58.8	64.3	67.9	70.4	71.1	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 16000	18.3	58.8	64.3	67.9	70.4	71.1	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 14000	18.5	59.1	64.6	68.1	70.6	71.3	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	19.5	61.4	67.1	70.7	73.3	74.0	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	20.0	64.6	70.8	74.6	77.5	78.2	78.9	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4
≥ 9000	20.4	65.7	72.0	75.8	78.7	79.5	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7
≥ 8000	20.6	67.5	74.1	78.1	81.0	81.9	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 7000	20.7	68.1	74.8	78.8	81.8	82.7	83.4	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 6000	20.3	68.7	75.4	79.5	82.5	83.3	84.1	84.3	84.4	84.4	84.5	84.5	84 . 6	84.6	84 . 6
≥ 5000	21.0	69.2	76.0	80.1	83.2	84.1	84.8		COA T	85.2	85.3	85.3			
≥ 4500	21.1	69.8	76.7	80.8	83.9	84.8	85.5		85.9	85.9	86.0	86.0	86.0	86.G	
≥ 4000	21.3	71.5	78.7	82.8		86.9	87.7	87.9	88.0		88.1	88.2	88.2	88.2	1000
≥ 3500	21.6	72.5	79.7	84.0	87.2	88.2	89.0		89.3	89.4	89.4	89.5	89.5	89.5	
≥ 3000	22.0	74.4	81.9	86.5								92.4			
≥ 2500	22.2	74.8	82.4	87.1	90.6	91.6					93.1	93.1	93.2	93.2	
≥ 2000	22.3	75.3	83.0	87.7	91.4	92.4									
≥ 1800	22.1	75.5	83.2	88.0	91.6		93.7		94.2		94.3			94.4	
≥ 1500	22.5	75.9	83.7	88.5	92.2				94.8				95.0	East 3	
≥ 1200	22.6	76.5	84.4	89.3	93.1	94.1	95.2		95.7	95.8	95.8	95.9	95.9	95.9	
≥ :000	22.6	76.9	84.9	89.8	93.7	94.7			96.3	1000	96.5	2000 1 700	96.6		1.1.2
≥ 900	22.6	77.0	85.1	90.1	94.0	95.0	96.2		96.7	96.8	96.9	96.9	97.0	97.0	
≥ 800	22.6	77.2	85.3	90.3	94.4	95.4	96.6		97.1	97.1	97.2	97.3			
≥ 700	22.6	77.3	85.5	90.5	94.6	95.6	96.9		97.4		97.6	97.6	97.7	97.7	
≥ 600	22.6	77.3	85.5	90.6	94.7	95.9	97.2		97.7		97.9	97.9	98.0		1000
> 500	22.6	77.4	85.6	90.8	95.0	96.2	97.6		98.2	98.3	98.4	98.4	98.5	98.5	
≥ 500 ≥ 400	22.6	77.4	85.7	90.9	95.2	96.4	97.9		98.6	98.7	98.9	98.9	99.0		
	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	98.9	99.2	99.3		99.5	99.5	
≥ 300 ≥ 200		77.4								99.2		100000000000000000000000000000000000000		10000	
			85.7	91.0	95.3	96.5	98.1	98.7	99.0		99.4	99.4	99.6	99.6	
≥ 100	22.5	77.4	85.7	91.0		96.5	98.1		99.0	99.2	99.4			99.7	99.
2 0	22.6	77.4	85.7	91.0	95.3	96.5	98.1	98.7	99.0	99.2	99.4	99.5	99.7	99.7	99.

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PORVIOUS SOLTIONS OF THIS FORM ASS SESSESTE

CEILING VERSUS VISIBI

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							viS	BILITY ST	ATUTE MIL	ES					
(FEE*)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	₹1%	≥11/4	≥1	≥ ¼	≥ %	≥ ₩:	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	16.6			65.7			68.4	69.3							69.8
≥ 18000 ≥ 16000	17.1 17.1	58.3 58.3	63.7	68.3		70.1	71 • 1 71 • 1	72.0 72.0			72.3 72.3	72.3 72.3	72.3 72.3		72.4
≥ 14000 ≥ 12000	17 • 1 17 • 3	58.3 59.2	63.7	68.3		70.1 71.1	71.1 72.1	72.0 73.0		72.2	72·3 73·3	72.3	72.3 73.3	72.4	72.4
≥ 10000 ≥ 9000	17.7	62.8	67.8	73.0	74.4	74.9	75.9 76.4	76.8	76.8 77.3	77.6	77.1	77.1	77.1	77.2	77.2
≥ 8000 ≥ 7000	17.7 17.9	65.0	70.7	76.4	79.9	78.3 80.3	79.3		7.6.7.7		80.7	80.7	80.7	80.8	83.0
≥ 6000 ≥ 5000	18.2 18.3	68.1	74.3	80.2		82.2 83.7	83.2 84.7	84.2	84.2		84.7	84.7	84.7	84.8	84.9
≥ 4500 ≥ 4000	18.3	70.0	78.3	82.3	85.8	84.6		88.6	86.6	88.8					87.2
≥ 3500 ≥ 3000	18.6	72.8	79.9		87.7		89.6	90.6		90.8		91.0			91.2
≥ 2500 ≥ 2000	18.7	73.8	81.1		89.4		91.4	92.4		92.7	92.9	92.9	92.9	93.0	93.1
≥ 1800 ≥ 1500	18.8	74.8	81.7	88.1	90.0	90.8	92.0	93.0		93.2	93.4	93.4	93.4	93.6	93.
≥ 1200 ≥ 1000	18.8	74.8	82.3	89.0	91.0		93.0	94.0	94.0	94.2	94.4	94.4	94.4	94.6	94.
≥ 900 ≥ 800	18.8	75.4	82.9	89.4	91.8		93.8	94.8	94.8	95.0	95.2	95.2	95.2	95.3	95.
≥ 700 ≥ 600	18.8	75.8	83.2	90.3	92.7		95.0	96.0	96.0	96.2	96.4	95.6		96.6	96.
≥ 500 ≥ 400	18 · 8 18 · 8	75.9 76.0	83.7	90.7 91.2 91.6		94.3			96.7 97.7 98.6	97.9	97.1 98.1	98.1	98.1	97.2 98.2	
≥ 300 ≥ 200	18 . 8	76.0		91.6	94.6	95.7		98.8	98.8	99.0		99.2	99.3	99.4	99.
≥ 00	18 - 8	76.0 76.0	83.7			95.7				99.0	99.2	99.2			

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 50 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GOOGLETE

CEILING VERSUS VISIBIL

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FT KNOX/GODMAN AAF KY

65-70,75-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-

EILING							VIS	BLITY ST.	ATUTE MILE	ES					
(FEE?)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	21%	≥1%	≥1	≥ ¼	≥ %	≥ ₩:	≥ 5/16	≥ 4
CEILING	10.9	46.7	52.4	55.2	58.1	59.7	61.2	62.3	62.4	62.9	63.3	63.4	63.6	63.8	63.
20000	11.7	48.0	53.9	57.7	60 . 7	62.2	63.9	65.0	65.1	65.6	66.0	66.1	66.2	66.4	66.
18000	11.0	48.1	54.0	57.8	60.8	62.3	64.D	65.1	65.2	65.7	66.1	66.2	66.3	66.6	66.
16000	11.0	48.1	54.0	57.8	60.8	62.3	64.0	65.1	65.2	65.7	66.1	66.2	66 . 3	66.6	66.
14000	11.0	48.3	54.2	58.0	61.0	62.6	64.2	65.3	65.4	65.9	66.3	66.4	66.6	66.8	66.
12000	11.d	48.8	54.7	58.6	61.7	63.2	65.0	66.1	66.2	66.7	67.1	67.2	67.3	67.6	67.
10000	11.2	52.4	58.7	63.0	66.4	68.0	69.8	70.9	71.0	71.4	71.9	72.0	72.1	72.3	72.
9000	11.2	52.9	59.1	63.4	66.9	68.4	70.2	71.3	71.4	71.9	72.3	72.4	72.6	72.8	72.
8000	11.2	54.4	61.1	65.9	69.4	71.0	72.8	73.9	74.D	74.4	74.9	75.0	75.1	75.3	75.
7000	11.4	55.1	62.1	66.9	70.7	72.2	74.1	75.6		76.1	76.6	76.7	76.8	77.D	77.
6000	11.8	57.1	64.7	69.7	73.4	75.0	76.9			78.9	79.3	79.4	79.6	79.8	80.
5000	11.9	57.8	65.3	70.6	74.3	75.9	77.8	100		79.8	80.2	80.3	80.4	80.7	80
4500	11.9	58.2	65.9	71.1	74.9	76.4	78.3	79.8		80.3	80.8	80.9	81.0		81.
4000	12.0	59.4	67.7	73.1	76 . 9	78.4	80.4	81.9	100	82.4	82.9	83.0	83.1	83.3	83.
3500	12.0	60.4	69.0	74.4	78.3	80.0	82.0	83.4	83.6	84.0	84.4	84.6	84.7	84.9	85
3000	12.3	61.9	70.6	76.1	80.2	82.0	84.0	85.4	85.6	86.0	86.4	86.6	86.7	86.9	87.
2500	12.3	62.4	71.1	76.8	80.9	82.7	84.7	86.1	86.2	86.7	87.1	87.2	87.3		87
2000	12.3	62.6	71.2	77.0	81.1	83.0	85.0	86.4	86.6	87.0	87.4	87.6	87.7	87.9	88
1800	12.3	62.8	71.4	77.2	81.3	83.2	85.2	86.7	86.8	87.2	87.7	87.8	87.9	88.1	88
1500	12.3	63.2	71.9	77.7	81.8	83.7	85.7	87.1	87.2	87.7	88.1	88.2	88.4	88.7	88
1200	12.3	64.0	72.7	78.7	82.9	84.9	86.9	88.3	88.4	88.9	89.3	89.4	89.7	89.9	90
1000	12.3	64.7	73.4	79.6	84.0	86.0	88.0	89.4	89.6	90.0	90.4	90.6		91.0	91
900	12.1	65.1	74.0	80.1	84.6	86.6	88.6	90.0	90.1	90.6	91.0	91.1	91.3	91.6	91
800	12.3	65.2	74.2	80.4	84.9	86.9	88.9	90.3	90.4	90.9	91.3	91.4	91.7	91.9	92
700	12.3	65.6	74.6	80.9	85.3	87.3	89.6	91.0	91.1	91.6	92.0	92.1	92.3	92.6	92
600	12.3	66.0	75.0	81.4	86.3	88.4	90.9	92.3	92.6	93.0	93.4	93.6		94.0	94
500	12.3	66.2	75.2	81.9	86.9	89.0	91.4	92.9	93.1	93.6	94.0	94.1	94.3	94.6	94
400	12.3	66.4	75.4	82.3	87.6	89.7	92.2	93.7	93.9	94.3	94.8	94.9	95.1	95.3	95
300	12.3	66.4	75.4	82.4	88.0	90.1	92.9	94.7	94.9	95.4	95.9	96.1	96.3	96.6	96
200	12.3	66.4	75.4	82.4	88.0	90.1	93.0	95.0	95.2	96.0	96.7	96.9	97.6	97.8	
100	12.3	66.4	75.4			90.1	93.0	95.0							98
0					1771										
001	12.3	66.4	75.4	82.4	88.0			95.0	95.2	96.0	96.8	97.0	97.7		97.9

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIB

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

060

CEILING							VIS	B LITY ST.	ATUTE MIL	ES					
(FEET)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ ⊬	≥ 5/16	2
ONIJIBO CH	10.0	32.0	36.0	40.6	46.1	47.6	50.2	50.7	51.1	51.6	52.1	52.2	52.7	52.8	53
≥ 20000	10.3	33.6	37.9	42.8	48 . 8	50.4	53.1	53.6	54.0	54.6	55.1	55.2	55.9	56.0	56
≥ 18000	10.3	33.7	38.D	42.9	48.9	50.6	53.2	53.7	54.1	54.7	55.2	55.3	56.0	56.1	56
≥ 16000	10.3	33.7	38.0	42.9	48.9	50.6	53.2	53.7	54.1	54.7	55.2	55.3	56.0	56.1	56
≥ 14000	10.4	34.1	38.7	43.6	49.6	51.2	53.9	54.3	54.8	55.3	55.9	56.0	56.7	56.8	57
≥ 12000	10.7	35.1	39.9	44.9	51.1	52.8	55.4	55.9	56.3	56.9	57.4	57.6	58 - 3	58.4	58
≥ 10000	11.0	38.1	43.1	48.6	55.2	57.0	59.8	60.6	61.0	61.7	62.3	62.4	63.2	63.3	
≥ 9000	11.1	39.4	44.7	50.1	56.8	58.6	61.3	62.1	62.6	63.2	63.9	64.0	64.8	64.9	65
≥ 8000	11.2	41.0	47.0	53.0	60.2	62.0	64.9	65.7	66.1	66.8	67.4	67.6	68.3	68.4	68
≥ 7000	11.4	41.6	47.9	54.3	62.1	63.9	67.0		68.3	69.0	69.7	69.8	70.6	70.7	
≥ 6000	12.0	43.0	49.8	56.3	64.2	66.0	69.3	70.2	70.7	71.3	72.0	72.1	72.9	73.0	
≥ 5000	12.4	45.0	51.8	58.4	66.4	68.2	71.6	72.4	72.9	73.6	74.7	74.3	75.1	75.2	
≥ 4500	12.4	45.1	51.9	58.8	66.8	68.6	71.9	72.8	73.2	73.9	74.6	74.7	75.4	75.6	7
≥ 4000	12.4	45.7	52.8		68.0	70.0	73.7	74.6	75.0	75.9	76.7	76.8	77.6	77.7	
≥ 3500	12.6	46.3	53.7	60.8	68.9	70.9	74.7	75.6	76.D	76.9	77.7	77.8	78.7	78.8	70
≥ 3000	12.7	47.4	55.4	62.8	71.0	73.1	77.0	77.9	78.3	79.2	80.0	80.1	81.0	81.1	8
> 2500	12.8	48.2		63.8	72.3	74.7	78.7	79.6	80.0	81.0	81.8	81.9	82 - 8	82.9	8
≥ 2000	12.8	48.9		64.7	73.2	75.6	79.9	80.8	81.2	82.2	83.0	83.1	84.0	84.1	8
> 1800	12.9	49.1	57.3	65.2	73.8	76.3	80.7	81.7	82.1	83.1	83.9	84.0	84.9		
≥ 1500	12.9	49.4	57.8	65.8	74.3	76.9	81.2	82.2	82.7	83.7	84.4			85.6	
≥ 1200	12.9				75.4	78 D						84.6			-
≥ 1000	13.0	50.7	58.3	66.7		1	82.3	83.3	83.8	84.8	85.6	85.7	86.6	86.7	8
> 900			59.4	67.9	77.1	79.7	84.0	85.0	85.6	86.6	87.3	87.4	88.3	88.4	8
≥ 900 ≥ 800	13.0	50.9	59.8	68.2	77.6	80.1	84.7	85.7	86.2	87.2	88.0	88.1	89.0	89.1	8
	13.0	51.2	60.3	68.8	78.1	80.7	85.2	86.2	86.8	87.8	88.6	88.7	89.6	89.7	91
≥ 700	13.1	52.0	61.2	69.8	79.2	81.8	86.4	87.4	88.0	89.0	89.8	89.9	90.8	90.9	9
	13,1	52.2	61.7	70.3	79.9	82.4	87.3	88.4	89.1	90.1	91.0	91.1	92.2	92.3	
≥ 500 ≥ 400	13.2	52.6	62.3	71.1	81.0	83.8	88.8	89.9	90.7	91.8	92.7	92.8	93.9	94.0	
	13.3	52.8	62.6	71.7	81.7	84.4	89.6	90.8	91.6	93.0	93.9	94.1	95.4	95.6	
≥ 300 ≥ 200	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.3	92.2	93.7	94.6	94.9	96.4	96.7	9
≥ 200	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	9
≥ 100	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	91
≥ 0	13.3	52.8	62.6	71.8	81.8	84.6	89.7	91.6	92.4	94.1	95.1	95.4	97.3	97.6	91

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PROVIOUS STITIONS OF THIS FORM AND OSTOLE

CEILING VERSUS VISII

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

D 9

CEILING							V15	BILITY ST.	ATUTE MIL	ES					
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	21%	≥1	≥ ¼	≥ %	≥ %:	≥5/16	2
NO CEILING	21.0	49.7	53.1	55.6	56.4	57.3	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7	5
≥ 20000	21.4	51.0	54.6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	55
≥ 18000	21.4	51.0	54.6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59
≥ 16000	21.4	51.0	54 . 6	57.2	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	5
≥ 14000	21.4	51.1	54.7	57.3	58.4	59.3	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.7	5
≥ 15000	21.9	52.3	56.0	58.8	60.1	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.3	6
≥ 10000	22.8	55.6	59.4	62.4	63.8	64.7	64.7	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65
> 6000	23.4	57.6	61.4	64.4	65.8	66.7	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.2	6
≥ 8000	23.9	59.7	63.9	67.3	69.1	70.0	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	71
≥ 7000	23.9	60.3	64.6	68.2	70.2	71'-1	71.2	71.6	71.7		71.7	71.8	71.8	71.8	7
≥ 6000	23.9	61.2	65.4	69.2	71.2	72.1	72.2	72.6		72.7	72.7	72.8	72.8	72.8	
≥ 5000	24.2	62.6		70.6	72.7	73.6	73.7	74.0			74.1	74.2	74.2	74.2	70
> 4500	24.4	63.4	67.8	72.0	74.2	75.1	75.2	75.6		75.7	75.7	75.8	75.8		71
≥ 4000	24.4	64.7	69.4	73.9	76.6	77.4	77.8				78.2	78.3			
≥ 3500	24.7	65.7	70.7	75.1	78.0	78.9	79.2		79.7			79.8	79.8		_
≥ 3000	25.0	67.1	72.7	77.6	80.6	81.6	82.0		82.7		82.7	82.8	1		
≥ 2500	25.4	68.9		79.8	82.9	83.9	84.3	84 8			85.0	85.1		85.1	
≥ 2000	25.9	70.4	76.2	81.4	84.8	85.8	86.2	86.7				87.0			-
> 1800	25.9	71.4	77.1	82.4	85.8	86.8	87.2	87.7	87.9	-	86.9				-
≥ 1500					0.75							88.0		11101	
	26.0	73.1	79.1	84.4	83.0	89.1	89.8			90.4		90.6			-
≥ 1200 ≥ i000	26.2	74.1	80.4	86.0	89.9	91.0	91.7	92.1			92.3	92.4	92.4	92.4	
	26.3	75.1		87.2	91.3	92.4	93.3	93.8			94.0	-	94.1		-
≥ 900 ≥ 800	26.4	75.6		87.7	91.8	92.9	93.9	94.3		94.6	94.6	94.7	94.7	94.7	
2 800	26.4	75.9	82.4	88.1	92.3	93.4	94.4	94.9		95.1	95.1	95.2	95.3	95.3	
≥ 700	26.5	76.0	82.6	88.3	93.0	94.1	95.1	95.6	95.8	95.8	95.8	95.9	96.0	96.C	9
≥ 600	26.7	76.2	82.8	88.8	93.6	94.8	95.9	96.3	96.6		96.6	96.7	96.8	96.8	9
≥ 500	26.7	76.2	83.1	89.2	94.3	96.1	97.3	97.9	98.1	98.1	98.1	98.2	98.3	98.3	9
≥ 400	26.8	76.4	83.3	89.4	94.6	96.4	97.8	98.6	98.8	99.1	99.2	99.3	99.4	99.4	9
≥ 300	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	9
≥ 200	26 .8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	1
> 100	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	<
≥ 0	26.8	76.4	83.3	89.4	94.6	96.4	98.1	98.9	99.1	99.4	99.6	99.7	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SEITIONS OF THIS FORM ASS DESOLUTE

CEILING VERSUS VISIE

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120

CELLING							VIS	BILITY ST.	ATUTE MIL	ES					
(FEE:)	≥10	≥ 6	≥5	≥ 4	≥3	≥ 2%	≥ 2	≥1%	≥1%	≥1	2 %	≥ %	≥%	≥5/16	2
NO CEILING	27.1	54.3	56.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57
≥ 20000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62,1	62.1	62.1	62
≥ 18000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62
≥ 16000	28.0	58.0	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62
≥ 14000	28.0	58.4	60.2	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62
≥ 12000	28.4	59.7	61.6	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63
≥ 10000	30.4	63.3	65.2	66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67
≥ 9000	30.8	64.1	66.0	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	6.8
≥ 8000	31.1	67.1	69.1	70.7	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71
≥ 7000	31.3	67.9	69.9	71.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	7:
≥ 6000	31.8	68.7	70.7	72.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	7
≥ 5000	31.8	69.2	71.3	73.3	74.6	74.6	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	7
≥ 4500	32.4	70.3	72.6	74.8	76.2	76.2	76.2	76.3		76.3	76.3	76.3	76.3	76.3	7
≥ 4000	32.9	72.0	74.7	77.0	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	7
≥ 3500	33.0	73.3	76.1	78.6	80.1	83.1	8 . 1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	8
≥ 3000	33.2	75.3	78.6	81.2	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	8
≥ 2500	34.2	78.8		85.1	86.9	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	ě
≥ 2000	34.8	82.3		89.1	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	5
≥ 1800	34.9	82.9		90.0	91.8	91.8		92.3	92.3	92.3	92.3	92.3	92.3	92.3	1
≥ 1500	34 . 8	83.9		91.0	92.8	92.8	93.3		93.6	93.6	93.6	93.6	93.6	93.6	1
≥ 1200	34.8	84.8		92.1	94.0	94.0		94.8		94.8		94.8	94.8	94.8	
≥ 1000	34 . 8	84.9		92.7	94.7	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
> 900	34 . 8	84.9		92.9	95.2		96.0	96.2		96.2	96.2	96.2			-
≥ 800	34.8	84.9		93.0	95.9	96.1	96.9		97.1	97.1	97.1	97.1	97.1	97.1	
≥ 700	34.8	85.1	89.4	93.3		96.7		97.8	97.8	97.8		97.8	97.8		
≥ 600	34.8	85.2		93.8						-	200	98.8	98.8		
≥ 500	34 . 8	85.3	89.7	94.1	97.4	98.0				99.6		99.6	99.6		
≥ 400	34.8	85.4	89.8	94.2				99.9			99.9	99.9		99.9	
≥ 300	34.8	85.4	89.8	94.2		98.2			100.0						
≥ 200	34 . 8	85.4	89.8	94.2					100.0						
> 100	34.8	85.4		94.2		-			100.0	-	The second name of				
≥ 100	34.8	85.4	89.8	94.2		12012			100.0						
	34.0	00.4	07.0	74.2	7/00	7002	77.2	100.0	100.0	100.0	400.0	100.0	400.0	400.0	

TOTAL NUMBER OF OBSERVATIONS

USAR ETAC PORM 0-14-5 (OL A) PREVIOUS STITIONS OF THIS FORM ARE DESCLET

CEILING VERSUS VISIB

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724240 FT KNOX/GOOMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150

CEIUNG							VIS	B LITY ST	ATUTE MILI	ES					
IFEETY	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¼	≥ %	≥⊬	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	32.3	55.0	57.2	58.9	58.9			59.4	59.4	_	-		59.4		
≥ 18000 ≥ 16000	34.3	60.1	62.3	64.2	64.2	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.
≥ 14000 ≥ 12000	34.3	60.8	63.0	64.9	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.
≥ 10000 ≥ 9000	35.4	65.6	68.7	69.9	70.1	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
≥ 8000 ≥ 7000	36.3	70.1	73.4	75.6 78.0	75.8 78.2	75.9	76.3 78.8	76.3 78.8	76.3			76.3		76.3	
≥ 6000 ≥ 5000	37.9	73.9	77.6	79.8	80.0	80.1	80.6	80.6	8C.6	80.6	80.6	80.6	80.6	80.6	80.
≥ 4500 ≥ 4000	38.3	75.6	79.2	81.4	81.8	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.
≥ 3500 ≥ 3000	39.0	79.7	83.8	86.7	87.1		38.D	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 2500 ≥ 2000	39.8 40.0	82.0 83.1	86.4	89.7 90.9	90.2	90.4	91.1	91.3	91.3	91.3		91.3		91.3	91.
≥ 1800 ≥ 1500	40.0	83.1	87.6	90.9	91.6	91.8	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
≥ 1200 ≥ 1000	40.0	84.5	89.3 90.0	92.9	93.6	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 900 ≥ 800	40.0	84.7 85.0	90.3	93.9	94.9	95.1	96.1 97.4	96.3	96.3	96.3	96.3	96.3	96.3		96.
≥ 700 ≥ 600	40.0	85.1 85.3	91.1	95.0 95.4	96.3 97.0	96.7	98.D	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.
≥ 500 ≥ 400	40.0	85.3	91.3	95.4	97.0 97.3	97.3	99.1	99.3	99.3	99.3	99.9		99.3		99.
≥ 300 ≥ 200	40.0	85.3 85.3	91.4	95.7	97.3	97.7	99.7		100.0		100.0	100.0		99.9	99.
≥ 100 ≥ 0	40.0	85.3	91.4	95.7	97.3	97.7	99.7			100.0				100.0	100

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL 84 0-14-5 (OL A) PREVIOUS COITIONS OF THIS FORM ARE OSCOCCETE

AD-A118 462

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER-ETC F/6 4/2
FORT KIROX/GODMAN AAF, KENTUCKY, REVISED UNIFORM SUMMARY OF SURF-ETC(U)
JUL 62

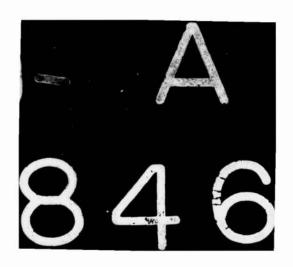
UNCLASSIFIED USAFETAC/DS-82/042

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CEILING VERSUS VISIBILITY

724247 STATION

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FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BLITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥3	≥ 2 1/.	≥ 2	≥1%	≥1%	≥1	≥ 1⁄4	≥ %	≥%	≥ 5/16	≥ 4	≥0
NO CEILING	24.6	59.9	63.1	66.1	66.2	66.8	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.
≥ 20000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.
≥ 18000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.
≥ 16000	25.3	63.8	67.4	70.7	70.9	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.
≥ 14000	25.3	64.0	67.7	71.0	71.2	71.8	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.
≥ 12000	25.6	65.0	68.7	72.0	72.2	72.8	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 10000	25.7	67.9	71.8	75.3	75.7	76.2	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.
≥ 9000	25.7	68.4	72.3	75.9	76.2	76.8	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.
≥ 8000	26.0	71.0	75.3	79.0	79.3	79.9	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.
≥ 7000	26.8	74.1	78.7	82.3	82.7	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.
≥ 6000	27.4	75.7	80.2	84.1	84.6	85.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.
≥ 5000	27.6	76.6	81.1	85.0	85.4	86.0	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.
≥ 4500	27.8	77.7	82.4	86.3	86.8	87.3	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 4000	27.8	78.7	83.4	87.7	88.1	88.8	89.4	89.7		89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 3500	27.9	79.4	84.3	88.7	89.1	89.8	90.4			90.8		90.8	90.8	90.8	90.8	90.
≥ 3000	28.2	80.7		89.9	90.3	91.1	91.8			92.1	92.1	92.1	92.1	92.1	92.1	92.
≥ 2500	28.4	81.0		90.6	91.1	91.9	92.6	92.8		92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 2000	28.4	81.4			92.0	92.8	93.4		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.
≥ 1800	28.4	81.8								94.1	94.1	94.1	94.1	94.1	94.1	94
≥ 1500	28 - 6	82.1	87.6	92.2				94.7		94.8	94.8	94.8	94 . 8	94.8	94.8	94.
≥ 1200	28.6	82.1			93.3		94.8			95.1		95.1	95.1	95.1	95.1	95.
≥ 1000	28.6	82.3	88.1	92.8		94.3	2005 THE	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95
> 900	28.7	82.7	88.7	93.3	94.6			96.4		96.6	96.6	96.6	96.6		96.6	96.
≥ 800	28.7	82.7	88.8	93.6		95.8			97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.
≥ 700	28.7	82.7		93.8	95.2					97.9		97.9	97.9		97.9	97.
≥ 600	28.7	82.8		1				98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
≥ 500	28.7	82.8		94.3	95.8		98.8	99.0			99.1	99.1	99.1		99.1	99.
≥ 400	28.1	82.8		94.4	95.9					99.3		99.3	99.3	99.3		
≥ 300	28.7	82.8			96.0					99.6	99.3	99.7			99.3	99.
≥ 200	28 - 7	82.8	100000000000000000000000000000000000000		_		112				99.7		99.7	99.7	99.7	99.
				94.4	96.0				-	99.6	99.7	99.7	99.7	99.7	99.7	99.
≥ 100 ≥ 0	28.7	82.8				120.5				99.6			99 • 7		100.0	
	28.7	82.8	89.4	94.4	96.0	96.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	00.0	100.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OSSOLUTE

SEP

1800-2000

CEILING VERSUS VISIBILITY

724240

2

FT KNOX/GODMAN AAF KY

65-70,75-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ ∀:	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	19.1	62.6	65.2	68.4							70.7	70.7	70.7	70.7	70.7	_
	19.4	64.3	67.6		72.1			73.3							73.6	
≥ 18000	19.4	64.3	67.6	71.2		72.6	73 • 1	73.3	73.6			73.6	73.6	73.6	73.6	73.
≥ 16000	19.4	64.3	67.6	71.2	72.1	72.6		73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 14000	19.4	64.3	67.6	71.2	72.1	72.6	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 12000	19.8	65.4	68.7	72.3	73.2	73.7	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.
≥ 10000	19.9	69.0	72.2	76.0	76.9	77.3	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.
≥ 9000	19.9	69.2	72.4	76.2	77.1	77.6	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.
≥ 8000	20.1	71.6	75.0	79.3	80.2	80.7	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.
≥ 7000	20.6	73.7	77.7	82.0	82.9	83.3	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.
≥ 6000	20.3	74.7	79.0	83.3	84.2	84.7	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.
≥ 5000	20.9	75.6	79.9	84.2	85.1	85.6		86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.
≥ 4500	21.1	76.2		85.0	85.9	86.3	86.9		87.3		87.3		87.3	87.3	87.3	87.
≥ 4000	21.1	77.3	81.7	86.3	87.	87.7	1000	0.0				10.10		88.9		
≥ 3500	21.2	78.6	82.9	87.7	88.6	89.0	89.9		90.3				90.3	90.3	90.3	
≥ 3000	21.6	79.7	84.0	89.3	90.3						92.1		92.1	92.1	92.1	92.
> 2500	21.6	80.1	84.8	90.6	91.6	92.0	92.9				93.4		93.4	93.4	93.4	93.
≥ 2000	21.6	80.3	85.0	90.8	91.8			93.4		93.7	93.7			93.7	93.7	93.
≥ 1800	21.6	80.3	85.0	90.8	91.8			93.4	93.7				93.7	93.7	93.7	
≥ 1500			- 1					1								
	21.6	80.9		91.3	92.3			94.0		94.2	94.2		94.2	94.2	94.2	94.
≥ 1200	21.6	81.3	86.0	91.8	92.8						94.7	94.7	94.7	94.7	94.7	
	21.6	81.6		92.1	93.3	93.8	94.7			95.2	95.2		95.2	95.2		95.
≥ 900 ≥ 800	21.6	81.8	86.4	92.4	94.0	94.6	95.4			96.0			96.0	96.0	96.0	
£ 600	21.6	82.0		92.7	94.2	94.8	95.7	96.0		96.2	96.2		96.2	96.2	96.2	
≥ 700	21.6	82.0	86.7	92.7	94.3	94.9	95.9	96.2		96.4	96.4	96.4	96.4	96.4	96.4	96.
≥ 600	21.6	82.1	86.8	92.8	94.6	95.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.
≥ 500	21.6	82.3	87.1	93.4	95.6	96.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.
≥ 400	21.6	82.3	87.1	93.9	96.6	97.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
≥ 300	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 200	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 100	21.6	32.3	87.2	94.1	97.1	97.7	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	ICU.
≥ 0	21.6	82.3	87.2	94.1	97.1	97.7	99.1	99.4		99.7			99.7	99.7	99.8	nn.

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS SENTIONS OF THIS FORM ASS DESOLUTE

1.

CEILING VERSUS VISIBILITY

0

(1

0

(1

(1

0

0

724240 FT KNOX/GODHAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	8 LITY ST.	ATUTE MILI	E 5						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥11/4	≥1	≥ ¼	≥ %	≥ ٧.	≥5/10	≥ %	≥0
NO CEILING ≥ 20000	20.2	52.1	55.6 58.4	58.4	59.9	60.6	61.4	61.8	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.
≥ 18000 ≥ 16000	20.9	54.7	58.4 58.4	61.7	63.4	64.1	64.9	65.3	65.4	65.6	65.7	65.8	65.9	65.9	66.D	66.2
≥ 14000 ≥ 12000	20.9	54.9	58.7 59.8	62.0	63.7	64.4	65.2	65.6	65.7	65.9	66.0	66.1	66.2	66.2	66.3	66.
≥ 10000 ≥ 9 000	21.8	59.3 60.1	63.3	66.9	68.8	6965	70.4	70.8	70.9 71.8	71.1 72.0	71.3 72.1	71.3	71.4	71.5	71.5	71.
≥ 8000 ≥ 7000	22.2	62.5	66.9	70.9	72.9	73.7 75.7	74.6	75.0	75.2 77.3	75.3	75.5	75.5	75.6 77.8	75.7 77.8	75.8	76 • 78 •
≥ 6000 ≥ 5000	23.0	65.3	70.2	74.4	76.6	77.3	78.3 79.6	78.9	79.0 80.2	79.2	79.3	79.4	79.5	79.5 80.8	79.6	79.
≥ 4500 ≥ 4000	23.3	67.1	72.1	76.5	78.8	79.6	80.6	81.1	81.2	81.4	81.6	81.6	81.7	81.8 84.0	81.9	82.
≥ 3500 ≥ 3000	23.6	70.8	75.0 76.5	79.7	82.2	83.0	84.2	84.7	84.8	85.0	85.2 87.2	85.3	85.4	85.4	85.5	85.
≥ 2500 ≥ 2000	24.2	71.9	78.8	84.1	85.6	86.5	87.7	89.7	88.5	90.0	88.9 90.2	90.3	89.0 90.4	89.1 90.4	89.2 90.5	89.
≥ 1800 ≥ 1500	24.3	73.9	79.2 80.0	84.5	88.1	88.2	89.5 90.5	90.1	90.3	90.5	90.7	90.7	90.8	90.9	91.0 92.0	91.
≥ 1200 ≥ 1000	24.4	74.4		86.2	89.1	90.0	91.4	92.0	92.2	92.4	92.6	92.6	92.8	92.8	92.9	93.
≥ 900 ≥ 800	24.4	75.1	81.7	87.6		91.5	93.1	93.7	93.8	94.0	94.2	94.3	95.0	94.4	94.5	94.
≥ 700 ≥ 600	24.5	75.5	82.4	88.4	91.5	92.5	94.3	94.9	95.0 96.0	95.3	95.4	95.5	95.6	95.7	95.8	96.
≥ 500 ≥ 400	24.5	75.8		88.8	92.7	93.9	95.9	96.6	96.8	97.8	97.2	97.3	97.5	97.5	97.6	97.
≥ 300 ≥ 200	24.5	75.9	82.9	89.2		94.6	96.9	97.8	98.0	98.3	98.5	98.8	98.9	98.9	99.4	99.
≥ 100 ≥ 0	24.5	75.9	82.9	89.2		94.6	96.9	97.9	98.1	98.5	98.8	98.8	99.2	99.3	99.5	99.

TOTAL NUMBER OF OBSERVATIONS ___

7200

USAF ETAC JUL 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE SESSIONE

CEILING VERSUS VISIBILITY

YEARS

02

0

724243 FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CELLING							VIS	BLITY ST.	ATUTE MIL	ES						
(FEE°)	≥ 10	≥ 6	≥5	≥4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¼	≥ %	≥ И	≥ 5/16	≥ %	≥0
NO CEILING	21.7	64.4	65.3	65.7	66.3	66.5	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.
≥ 20000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.3	69.
≥ 18000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.
≥ 16000	21.9	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.
≥ 14000	22.0	66.5	67.3	67.7	68.4	68.5	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.
≥ 12000	22.6	67.6	68.5	68.9	69.6	69.7	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.
≥ 10000	23.1	69.8	70.9	71.3	71.9	72.0	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	73.
≥ 9000	23.1	70.3	71.4	71.8	72.5		72.9	73.0	73.C	73.1	73.2	73.2	73.2	73.2	73.2	73.
≥ 8000	23.4	72.4	73.4	74.3	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	76.
≥ 7000	23.7	74.0	75.1	75.9	76.6	76.8	77.1	77.2	77.2	77.3	77.4	77.4	77.9	77.4	77.4	77.
≥ 6000	24.0	75.2	76.6		78.1	78.3	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.
≥ 5000	24 . 3	76.9		79.4	80.1	80.3	80.6	80.8	80.8	80.9	81.0	81.0		01 0	81.1	
> 4500	24.6	78.0	79.6	80.5	81.3	81.5	81.8	81.9	81.9	82.0				02 2		81.
≥ 400C	24.7	80.1									82.2	82.2	82.2	82.2	82.3	200
≥ 3500			81.7			84.4	84 - 7	84.8	84.8	-	85.1	85.1	85.1	85.1	85.2	85.
≥ 3000	24.9	81.1	82.7	83.9	85.1	85.4	85.7	85.8	85 - 8	85.9	86.0	86.0	86.0	86.0	86.1	86.
	24.9	81.8	83.8	85.1	86.2	86.6	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.
≥ 2500 ≥ 2000	25.2	82.6	84.6	86.0	87.2	87.5	87.8	88.0	88.0	88.1	88 - 2	88.2	88.2	88.2	88.3	88.
	25.2	83.2	85.4	86.9	88.1	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89,0	89.1	89.
≥ 1800	25 • 4	83.8	86.0	87.6	89.0	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.
≥ 1500	25.4	84.6	87.0	89.1	90.5	90.9	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.
≥ 1200	25.4	85.1	87.7	90.0	91.4	91.7	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.
≥ 1000	25.4	85.7	88.5	90.8	92.2	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.
≥ 900	25.5	85.9	88.8	91.1	92.5	93.0	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.8	94.
≥ 800	25.5	86.1	89.0	91.5	92.9	93.5	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.
≥ 700	25.5	86.2	89.2	92.2	93.5	94.3	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	96.
≥ 600	25.5	86.8	89.8	92.7	94.3	95.1	95.8	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.
> 500	25.5	86.8	89.8	93.2	95.2	95.9	97.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.
≥ 400	25.5	86.9	90.0	93.4	95.4	96.1	97.5	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.
≥ 300	25.5	86.9	90.0	93.5	95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.
≥ 200	25.5	86.9	90.0		95.6	96.3	97.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.
> 100	25.5	86.9	90.0			96.3	97.8		99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.
≥ 100	25.5	86.9		93.5	95.6		97.8		99.1	99.2	99.4	99.5	mark 1	4.0		
	23.3	0003	90.0	73.3	42.0	96.3	77.0	99.0	44.1	77.2	77.4	77.5	99.5	99.5	99.6	100.

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC JUL 64 0-14-5 (OL A) PRO VIDUO SOLTIONS OF THIS FORM ASS GOODLETE

CEILING VERSUS VISIBILITY

724240

200

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

TATION STATIEN NA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.Y.)

CERING							VIS	BLITY ST	ATUTE MIL	E 5						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥1%	≥1%	21	≥ ¼	≥%	≥ ₩	≥ 5/16	≥ 14	≥0
NO CEILING	19.1	61.7	63.9	65.1	66.6	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	68.
≥ 20000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.
≥ 18000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.
≥ 16000	19.1	63.1	65.3	66.5	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69.
≥ 14000	19.1	63.1	65.3	66.5	68 . D	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	69
≥ 12000	19.5	64.0	66.1	67.3	68.8	68.9	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	70.
≥ 10000	19.8	65.5	67.8	69.2	70.8	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	72.
≥ 9000	19.8	66.1	68.5	69.9	71.4	71.6	71.8	71.8	71.8	72.0	72.0	72.0		72.0	72.0	
≥ 8000	20.2	68.1	70.6	72.4	73.9	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	
≥ 7000	20.6	69.0	72.5	74.2	75.7	75.9		76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	77.
≥ 6000	20.9	70.€	73.7	75.4	76.9	77.1	77.3	77.3			77.5	77.5		77.5	77.5	
≥ 5000	21.2	71.6	74.7	76.5	78.1	78.3	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79
≥ 4500	21.5	72.4	75.5	77.2	78.8	79.0	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	
≥ 4000	21.5	73.5	77.1	78.9	80.5	80.8	81.1	81.2	81.3	81.5	01 5	01 5	01 5	81.5	81.5	82
≥ 3500	21.5	74.3	78.0	79.8	81.4	81.6	81.9	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	_
≥ 3000	21.5	75.2	78 8	80.8	82.4	82.7	07 1	83.3	07 4	83.7	07 7	07 7	07 7	83.7	02.7	84
> 2500	21.5	76.2	79.9	81.8	83.5	83.9	84.4	0303	0347	84.9	84.9	84.9	84.9	84.9	84.9	
≥ 2000	21.5	77.2	80.9	83.2	85.2	85.5	86.1	04.0	84.1	84.9	04 0	04.9	04.9	86.8		85
> 1800	21 7	77.8	81.6	84.0	85.9	-		86.3	80.0	00.0	80.0	00.0	00.0		86.8	
≥ 1500		78.9			-	86.3	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	88
2 1200	21.7		82.7	85.3	87.2	87.6	88.3	88.5	88 . /	88.9	88.9	88.9	88.9	88.9	88.9	89
≥ 1200	21.7	79.1	83.1	85.7	87.6	88.1	88.7	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	90
	21.7	79.7	83.9	86.5	88.4	89.0	89.7	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	
≥ 900 ≥ 800	21.7	80.1	84.4	87.3	89.2	89.9	90.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	
	21.7	80.4	84.8	88.1	90.3	91.0	91.9	92.2	92.4	92.6	92.6	92.6	92.6	92,6	92.6	93
≥ 700 ≥ 600	21.7	80.8	85.2	88.6	91.0	91.6	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	94
2 000	21.7	81.1	85.6	89.4	91.8	92.5	93.5	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	95
≥ 500	21.7	81.1	85.8	89.7	92.2	92.8	94.3	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	96
≥ 400	21.7	81.4	86.3	90.3	92.9	93.7	95.8	96.3	96 . 6	96.9	96.9	96.9	97.0	97.0	97.0	98
≥ 300	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.0	97.3	97.7	97.7	97.7	97.8	97.8	97.8	98
≥ 200	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.D	98.1	98.1	98.2	98.2	98.2	99
> 100	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.2	99
2 0	21.7	81.4	86.3	90.4	93.1	93.9	96.2	97.1	97.5	98.0	98.1	98.1	98.2	98.2	98.5	100

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS SETTIONS OF THIS PERM SHE SESOLETS

6 0

CEILING VERSUS VISIBILITY

724240

1

2

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

MONTH

0600-0800 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEE")	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥⊬	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	17.2	49.6			56.2				58.4							
≥ 18000 ≥ 16000	17.6	51.3	54.5	57.4	59.4	60.1	60.9	61.2	61.6	61.7	61.7	61.7	61.7	61.8	61.9	62.
≥ 14000 ≥ 12006	17.6	51.5	54.7	57.6	59.4	60.3	61.1	61.4	61.8		61.9	61.9	61.9	62.0	62.2	62.
≥ 10000 ≤	18.8	54.5	58.0	61.0	63.0	63.8	64.5	64.8	65.3		65.4	65.4	65.4	65.5	65.6	66.
≥ 8000 ≥ 7000	19.7	57.7	61.6	64.6	63.5	67.4	68.2	68.5	68.9	69.0	69.0	69.0	69.0	69.1	69.2	69.
≥ 6000	20.2	59.8	63.8	67.1		70.2	71.0	71.3	71.7	70.5	71.8	71.8	71.8	71.9	72.0	72.
≥ 5000 ≥ 4500	20.3	62.0	_	69.6		73.2	74.0	74.3	74.7	74.8	74.8	74.8	74.8	74.9	75.1	75.
≥ 4000 ≥ 3500	20.8	64.5		72.5	75.4	76.2	77.3	77.7	78.2	78.3	78.3	78.3	78.3	78.4	78.5	79.
≥ 3000 ≥ 2500	20.9	65.4			77.0					80.2					80.4	
≥ 2000	21.9	67.6			79.8										83.2	
≥ 1500	21.7	69.4	74.2	78.3	81.6	82.7	84.1	84.5	84.9		85.1	85.1	85.1	85.2	85.3	85.
≥ 1000	21.7	70.5	75.6	79.9	83.5	84.7	86.3	86.8	87.2	87.3	87.3	87.3	87.3	87.4	87.5	88.
≥ 800	21.8	71.8	77.2	82.0	86.0	87.6	89.4	89.8	90.2	90.3	90.3	90.3	90.3	90.4	90.5	91.
≥ 700 ≥ 600	21.8	72.6		83.8	88.1	89.8	91.7	92.3	92.7		92.8	92.8	92.8	92.9	93.0	93.
≥ 500 ≥ 400	21.9				89.2	91.2	93.5	94.3	94.9		95.3	95.3	95.3	95.4	95.6	96.
≥ 300 ≥ 200	21.9	73.2			89.6	91.6	94.6	95.8	96.6	96.8	97.0	97.0	97.1	97.4	97.8	98.
≥ 100 ≥ 0	21.9	73.2	78 • 8 78 • 8		100					96.8						

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLSTE

?

930

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

(FROM HOURLY OBSERVATIONS)

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE

0900-1100

CEILING							V15	BILITY ST	ATUTE MIL	E5						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ٧;	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	31.5 32.7	56.6		58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 18000 ≥ 16000	32.7 32.7	59.4		61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.
≥ 14000 ≥ 12000	32.9	60.1	60.9	61.8	62.0	62.4	62.4	62.5	62.5	62.5			62.5	62.5	62.6	62.
≥ 10000 ≥ 9000	34.3	64.1		66.0	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.
≥ 8000 ≥ 7000	35.5 36.3	67.6		69.8	70.1		70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.
≥ 6000 ≥ 5000	36.8	70.0		72.4	72.7	73.0		73.2	73.2	73.2		73.2	73.2	73.2		_
≥ 4500 ≥ 4000	37.3 37.8	72.7	73.8			75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1 78.2	76.2	76.
≥ 3500 ≥ 3000	38.2	75.4	76.9	78.4	79.0	79.4	79.5	79.6		79.6	79.6		79.6	79.6	79.7	79.
≥ 2500 ≥ 2000	38.8	77.8	79.5	81.2	81.9	82.4	82.6	82.7		82.7	82.7	82.7		82.7	82.8	82.
≥ 1800 ≥ 1500	39.8	80.3	82.0	83.9	84.8	85.3		85.6	85.6	85.6		85.6		85.6	85.7	85.
≥ 1200 ≥ 1000	40.4	83.7	84.9	86.8	88 . 2	88.6		89.2	89.2		89.2	89.2	89.2	89.2	89.4	89.
≥ 900 ≥ 800	40.5	84.1	86.8	89.2	90.9	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.
≥ 700 ≥ 600	40.5	84.7	87.5	90.6		93.4	94.3	94.4	94.4		94.4	94.5		94.5	94.6	94.
≥ 500 ≥ 400	40.5	85.6	88.2	91.7	94.3	95.3		96.3	96.5		96.6	96.7	96.8	96.8	96.9	96.
≥ 300 ≥ 200	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	98.7	98.8	98.9	99.0	99.2	99.2	99.4	99.
≥ 100 ≥ 0	40.5	85.6	88.5	92.3	95.3	96.3	97.6	98.6	-	98.8				99.5		

TOTAL NUMBER OF OBSERVATIONS _

930

USAF ETAC PORM 0-14.5 (OL A) PREVIOUS SOLTIONS OF THIS FORM ASS OSSOLSTE

CEILING VERSUS VISIBILITY

724240

(

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOUNS (L.S.T.)

CEILING							VIS	BLITY ST	ATOTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ ?	≥+%	≥11/4	≥1	≥ ¼	≥ %	≥ ⊬:	≥ 5/16	≥%	≥0
NO CEILING	38 - 2	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	39.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 18000	39.7	57.7	57.8	58 . 0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	39.7	57.7	57.8	58.0	58.0	58.0	53.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	39.8	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	40.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	42.0	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	42.3	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	44.3	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	45.1	68.8	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	45.5	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	45.6	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	45.9	71.6	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	48.1	75.7	76.1	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	49.1	78.0	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	50.4	81.2	81.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	51.2	84.3	84.7	85.5	85.6	85.8	85.8	85.8		85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	52.9	87.4	88.0	88.8	89.1	89.4	89.4	89.7		89.7	89.7	89.7	89.7		89.7	89.7
≥ 1800	53.0	88.0	88.5	89.4	89.8	90.0	90.0	90.3				90.3	90.3		90.3	90.3
≥ 1500	53.1	88.8	89.9	90.8	91.2	91.4	91.4	91.7		91.7			91.7	-	91.7	91.7
≥ 1200	53.2	90.3	91.6	92.5	93.0	93.2	93.4	93.8			93.8	93.8	93.8	93.8	93.8	93.8
≥ (000	53.2	91.0	92.8	93.8	94.4	94.6	94.9	95.3		95.3	95.3		95.3			95.3
> 900	53.2	91.1	93.2	94.2	94.9	95.2	95.6	95.9	-	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	53.2	91.2	93.3	94.4	95.4	95.6	96.3	96.7	1 -0.5		96.7	1000	96.7		96.7	96.7
≥ 700	53.2	91.2	93.5	94.6	95.7	96.1	97.0	97.3	97.3	97.3	97.3		97.3		97.3	97.3
≥ 600	53.2	91.3	94.0	95.2	96.3	96.9	97.7	98.1	98.1		98.1	98.1	98 1	10.00	98.1	98.1
≥ 500	53.2	91.3	94.2	95.4	96.7	97.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	53.2	91.3	94.2	95.6	97.0	97.5	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5			100.0				100.0
≥ 200	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2	99.5	100000000000000000000000000000000000000		100.0				100.0
≥ 100	53.2	91.3	94.2	95.6	97.0	97.5	98.8	99.2				100.0				100.0
≥ 0	53.2	91.3	94.2	95.6	97.0		98.8					100.0				
	33.4	1403	77.4	73.4	71.04	7103	70 0	7702	77.03	7707	. 00.0	100 0	. 00 . 0		10000	1000

TOTAL NUMBER OF OBSERVATIONS

933

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ANE OBSOLETE

CEILING VERSIJS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥21/5	≥ ?	≥1%	≥11/4	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ 14	≥0
NO CEILING ≥ 20000	41.7	56.1		56.5		56.7 59.8	56.7	56.7			56.7	56.7	56.7 59.8	56.7	56.7 59.8	56.7
≥ 18000 ≥ 16000	43.2	59.2					59.8	59.8	59.8		59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000 ≥ 12000	43.8	60.1	60.1	60.4	60.6		60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6		60.6
≥ 10000	46.6	64.8					65.4 66.0	65.4		65.4 66.0	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8060 ≥ 7000	48.7	68.7	68.8			69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000 ≥ 5000	50.0 50.4	72.4	72.7 73.8	73.0 74.1	73.2 74.3	73.2 74.3	73.2 74.4				73.2		73.2			
≥ 4500 ≥ 4000	51.4	75.4	1	76.1 79.8	76.6		76 • 7 80 • 5			76.7	76.7	76.7	76.7	76.7 80.9	76.7	76.7
≥ 3500 ≥ 3000	53.4 54.6	80.4			82.0		82.2			82.4				82.5		
≥ 2500 ≥ 2000	55.4 56.0	86.2				88.1	88.2		100					88.5		
≥ 1800 ≥ 1500	56.1 56.1	89.0	89.8			91.2 92.4				91.6						91.7
≥ 1200 ≥ 1000	56 · 1	90.9						94.3		94.5			94.6	94.6		94.6
≥ 900 ≥ 800	56 · 1	91.4		93.8			95.4						95.8		V 5 4 6 4	95.8
≥ 700 ≥ 600	56.1 56.1	91.8				95.9	96.9	97.0 97.5		97.2					Control Control	97.8
≥ 500 ≥ 400	56 · 1 56 · 1	92.0	93.9		96.9		98.5 98.9			99.0	1	99.1		99.1	100000000	99.
≥ 300 ≥ 200	56 · 1	92.3	94.1	95.3		97.4		99.4		99.9	100.0	100.0	100.0	00.0	0.00	00.0
≥ 100 ≥ 0	56 · 1	92.3			97.3		98.9			99.9						

TOTAL NUMBER OF OBSERVATIONS ______ 9:

USAF ETAC JUL 44 0-[4-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 House (L.e.T.)

CEILING							VIS	BILITY ST.	ATUTE MILI	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	21	≥ ¼	≥%	≥ %	≥ 5/16	≥4	≥0
NO CEILING	31.9	59.7	60.0	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.
≥ 20000	33.4	62.5	62.8	63.0	63.3	63.4	63,4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
≥ 18000	33.4	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
≥ 16000	33.4	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
≥ 14000	33.9	62.9	63.2	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
≥ '2000	34.2	64.6	65.1	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65
≥ 10000	34 . 7	67.3	67.8	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.
≥ 9000	34.8	67.8	68.5	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69
≥ 8000	36.0	70.9	71.5	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72
≥ 7000	36.6	73.1	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74
≥ 6000	37.7	75.9	76.6		-	77.3										
≥ 5000	38.3	77.4			79.0		79.1					79.1				
≥ 4500	38 . 7	78.7	79.6	-	80.3	80.4										-
≥ 4000	40.2	83.8	84.9	7 100			7.77			86.1	S. H. G. C. S.					
≥ 3500	40.2	84.3	85.5		86.2	86.3										
≥ 3000	40.9	86.8	88.0			89.0	100	P 10 1 10		89.6	35156133	17.			69.7	
≥ 2500	41.1	88.3	89.7	-	90.9	91.0				91.6						
≥ 2000	41.2	89.1	90.6		91.9					92.9						
> 1800	41.2	89.5	91.2	-	92.5					93.4						
≥ 1500	41.2	89.8	91.5							94.2		73.5 9 10 10 10				
> 1200	41.2	90.2	92.2		93.9		94.8			95.1						
≥ 1200	41.2	90.4	92.4		94.1	94.4									95.2	
					-					95.6						95
≥ 900 ≥ 800	41.2	90.5			94.3	94.6					-				95.9	_
	41.2	90.6	92.8		94.8	95.2				96.5						_
≥ 700 ≥ 600	41.2	90.6	92.8		94.9	95.5			97.1			97.3				
	41.2	90.6	92.8		95.3	95.8				97.6					97.7	
≥ 500 ≥ 400	41.2	91.0			95.9	96.5						98.4	98.4		98.4	98
	41.2	91.0			96.6	97.2		98.8		99.7			99.8			_
≥ 300	41.2	91.0			96.6	97.3			99.6				99.9			3.3
≥ 200	41.2	91.0			96.6	97.3	98.8			99.8	-					
> 100	41.2	91.0	93.2	94.7	96.6	97.3	98.8	100		99.8						
≥ 0	41.2	91.0	93.2	94.7	96.6	97.3	98.8	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100

TOTAL NUMBER OF OBSERVATIONS ____

930

USAF ETAC JUL 64 0-14-5 (OL A) PROVIOUS SOITIONS OF THIS FORM ARE OSSOLETS

(

0

CEILING VERSUS VISIBILITY

724247

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0

FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥₩	≥5/16	≥ 14	≥0
NO CEILING ≥ 20000	27.5						65.9			65.9				65.9		
≥ 18000 ≥ 16000	27.6	66.0	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.
≥ 14000 ≥ 12000	27.6	66.1	67.0	67.3		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.
≥ 10000 ≥ 9000	28.5	69.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.
≥ 8000 ≥ 2000	29.2		74.1	74.6	74.7	74.7	74.7	74.7	74.7	72.3	74.7	74.7	74.7	74.7	74.7	74.
≥ 6000 ≥ 5000	30.0	77.5		79.5		79.8	79.8	79.8	79.8	76.1	79.8	79.8	79.8	76.1	79.8	79.
≥ 4500 ≥ 4000	31.0	81.0	82.7	83.3	83.7		83.7		83.7	82.6	83.7	83.7	83.7	83.7	93.7	83.
≥ 3500 ≥ 3000	31.1	84.5	86.5		87.5	87.5	87.5	87.6		87.6	87.6	87.6	87.6	87.6	87.6	87.
≥ 2500 ≥ 2000	31.7	88.4	90.4	91.4	91.8	91.8			92.2	91.3	92.2		92.2	92.2		92
≥ 1800 ≥ 1500	31.7	89.1	91.3	92.5	92.6	92.9	93.0	93.2	93.3	93.0	93.3	93.3		93.3	93.3	
≥ 1200	31.8	89.8		93.4	94.0	94.1	94.2			94.5				94.5		
≥ 900	31.8		92.4		94.4					95.1 95.5				95.5	95.5	95.
≥ 800 ≥ 700	31.8	90.1	93.0		-		95.5			96.1			-	96.1	96.1	
≥ 500	31.8	90.6			-		96.9	97.5		97.8			99.0	97.8 99.0		
≥ 400 ≥ 300	31.8						97.8 98.0			99.4			99.5	99.5	99.5	99.
≥ 200 ≥ 100	31.8	90.6			96.9					99.6				99.7	99.8	99.
≥ 0	31.8	93.6	93.5	95.6	96.9	97.1	98.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.8	00.

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS STITIONS OF THIS FORM ARE OBSOLETS

CEILING VERSUS VISIBILITY

0

2

65-70,75-78

OCT

724240 FT KNOX/GODMAN AAF KY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CERNG							VIS	B LITY ST.	ATUTE MIL	E S						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ %:	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	28.5	58.3								61.1						
	29.4	60.7	61.7	_						63.6		63.6	63.6	63.7	63.7	63.
≥ 18000	29.4	60.7	61.7			63.3	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.
≥ 16000	29.4	60.7	61.7	62.5	63.1	63.3	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.
≥ 14000	29.6	61.1	62.1	62.9	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.
≥ 12000	30.2	62.5	63.5	64.3	65.0	65 - 1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.
≥ 10000	31.0	64.8	66.0	66.9	67.5	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 9000	31.1	65.6	66.8	67.6	68.3	68.5	68.6	68.7	68.8	68 . 8	68.8	68.8	68.8	68.8	68.9	69.
≥ 8000	32.1	68.2	69.5	70.5	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	72.
≥ 7000	32.7	70.0	71.4	72.4	73.0	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 6000	33.1	71.4	72.9							75.3						
≥ 5000	33.9	72.8			76.4					77.0						
≥ 4500	33.9	74.0				77.8				78.3				78.3		
≥ 4000	34 . 6	76.6	78.5		-1					81.5						
≥ 3500	34.9	77.8	79.7							82.8			82.8			
≥ 3000	35.4	79.8	81.8		84.2					85.1						
≥ 2500	35.8	81.3	83.4			86.2				86.9						
≥ 2000	36.2	82.7	84.9				-			88.8						
≥ 1800	36.3	83.3	85.5		-				89.4		89.5					
≥ 1500	36.4	84.1	86.5			89.9										-
≥ 1200	36.5	84.8	87.3							90.8						
≥ 1200	-					90.9			91.8		91.9					
	36.5	85.3	88.0							92.9						
≥ 900 ≥ 800	36.5	85.5	88.4							93.6					93.7	
	36.5	85.8	88.8			93.2			94.5						94.6	
≥ 700 ≥ 600	36.5	86.0	89.1						95.4				95.6			
2 000	36.5	86.2								96.3			96.4		96.4	
≥ 500	36.5	86.4	89.6		94.5	95.2	1	97.0			97.4					
≥ 400	36.5	86.5	89.8	92.7	95.1	95.8				98.5			-			-
≥ 300	36.5	86.5	89.8		95.2	95.9					99.1		99.1			99.
≥ 200	36.5	86.5	89.8	92.7	95.2					99.0			99.2	99.2	99.3	99.
> 100	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.4	99.
≥ 0	36.5	86.5	89.8	92.7	95.2	95.9	97.6	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.4	100.

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC PORM 0-14-5 (OL A) POEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L. e. T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥2	≥1%	≥11/4	≥1	≥ ¼	≥ %	2%	≥ 5/16	≥ ′4	≥0
NO CEILING ≥ 20000	19.6	45.8	46.5	47.0	47.1	47.9	47.2			47.4	47.4	47.4	47.4	47.5	47.6	47.6
≥ 18000 ≥ 16000	19.9	45.8		47.5	47.6	47.9		47.9	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 14000 ≥ 12000	19.9	45.8	47.1	47.5	47.6	47.9		47.9 50.0	47.9	48.1	48.1	48.1	48.1	48.2	48.3	48.3
≥ 10000 ≥ 9000	22.6	51.5 52.0	52.8 53.4	53.3	53.4	53.7	53.7	53.7 54.3	53.7	53.9	53.9	53.9	53.9	54.1 54.6	54.2	54.2
≥ 8000 ≥ 7000	23.0	55.1 57.3	56.5 58.8	57.1 59.3	57.3 59.6	57.7	57.7 59.9	57.7 59.9	57.7	57.9 60.1	57.9 60.1	57.9	57.9	58.0	58.1	58.1 60.4
≥ 6000 ≥ 5000	23.6	59.3 62.5	60.8	61.4	61.6 65.0	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.3	65.8	62.4
≥ 4500 ≥ 4000	25.8	64.8	66.3	72.4	67.6	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.2	68.4	68.4
≥ 3500 ≥ 3000	26.9	71.3	72.9	73.8	74.8	75.1	75 · 2 77 · 5	75.2	75.2	75.5	75.5	75.5	75.5	75.6	75.7	75.7 77.9
≥ 2500 ≥ 2000	27.6	75.9	77.9 80.1	78.8	80.0 82.4	82.8	80.5	80.5	80.5	80.7	80.7 63.2	80.7	80.7	80.9 83.3	81.0	83.4
≥ 1800 ≥ 1500	27.9	78.7	81.3 83.0	82.3	83.8	84.1	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.8	84.8
≥ 1200 ≥ 1000	28.0	81.5	84.6	85.8	87.4	87.7		88.2	88.2	90.0	90.0	90.0	90.0	88.5	88.6	88.6
≥ 900 ≥ 800	28.4	83.9	87.2	88.5	90.3	90.7		91.6	91.6	91.8	91.8	91.8	91.8	91.9	92.C 93.0	92.0
≥ 700 ≥ 600	28.4	84.8	88.3	89.6	91.9	92.3	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.7	93.8	93.5
≥ 500 ≥ 400	28.4	85.7	89.3	90.7	93.6	94.9	95.0	95.3	95.3		95.5	95.5			95.7	
≥ 300 ≥ 200	28.4	85.7	89.3	91.0	94.3		96.2	96.7	97.4	97.3 97.6 97.7		97.3 98.0	98.1	98.3	97.6	98.9
≥ 100	28.4	85.7	89.3	91.0	94.3		96.3	97.2 97.2	0.00	97.7	98.0	98.1		100	99.0	

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

0

CEILING VERSUS VISIBILITY

724240

· N

FT KNOX/GOOMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 NOURE (L.S.T.)

CEHING							V1S	BLLITY ST	ATUTE MILI	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 21/.	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	13.8	41.3	43.8		44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7	45.0	45.0	45.
≥ 18000 ≥ 16000	19.9	42.8	45.3	45.7	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.5	46.5	46.
≥ 14000 ≥ 12000	19.9	42.8	45.3	45.7	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.5	46.5	46.
≥ 10000 ≥ 9000	22.5	48.1	50.8	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1 53.0	52.1	52.1	52.5	52.5	52.
≥ 8060 ≥ 7000	22.9	52.3	55.0	55.9	56.3	56.3	56.6	56.6		56.8	56.8 58.7	56.8	56.8	57.1	57.1	57.
≥ 6000 ≥ 5000	23.2	56.1	58.8		60.1	60.1	60.5	60.5	60.5	60.6	60.6		60.6	60.9	60.9	61.
≥ 4500 ≥ 4000	24.7	64.8	64.1	65.3	66.1	66.1	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.9	66.9	67.
≥ 3500 ≥ 3000	27.4	67.3	71.2	72.7	73.5	73.5	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.7	74.7	74.
≥ 2500 ≥ 2000	27.7	71.4	75.6	77.1	78.2 82.5	78 · 2	78.8		78.8	78.9	78.9	78.9	78.9	79.3	79.3	79.
≥ 1800 ≥ 1500	28.6	76.1	80.4	82.2	83.4	83.4	84.1 86.0	84.1	84.1	84.2	84.2	84.2	84.2	84.6	84.6	84.
≥ 1200 ≥ 1000	28.7	78.5	82.9	85.0	86.4	86.4	87.3	87.4	87.4	87.5	87.5	87.5 89.5	87.5	87.8	87.8	88.
≥ 900 ≥ 800	28.7	81.4	85.8	88.2	89.5	89.5	90.5	90.7	90.8	90.9	90.9	90.9		91.2	91.2	91.
≥ 700 ≥ 600	28.7	81.9	86.8	89.3	91.0	91.0	92.0	92.1	92.2	92.3	92.3	92.5	92.5	92.8	92.8	92.
≥ 500 ≥ 400	28.7	82.4	87.5		92.3	92.6	93.8	94.1	94.4	94.7	94.8	94.9	94.9	95.3	95.3	95.
≥ 300 ≥ 200	28.7	82.5	87.7	90.4	92.9	93.6	95.0	95.9	96.2	96.5	96.7	96.8	96.8	97.2	97.2	97.
≥ 100 ≥ 0	28.7	82.5	87.8	90.5		93.7	95.4	96.6	96.8			97.6	4 4 1 1 1 1 1 1 1	98.5	1.0	99.

TOTAL NUMBER OF OBSERVATIONS _______

USAF ETAC JULIA 0-14-5 (OL A) PROVIDUO EDITIONO OF THIS FORM ARE DESOLUTE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L.S.Y.)

CEILING							V15	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥5	≥ 4	≥ 3	≥ 2 1⁄.	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING	14.7	33.4	35.6	37.1	33.7	39.0	39.4	39.6	39.7	40.3	40.6	40.6	40.6	40.6	40.8	40.8
≥ 20000	15.4	34.7	37.0	38.7	40.2	40.6	41.0	41.2	41.3	42.0	42.2	42.2	42.2	42.4	42.6	42.6
≥ 18000	15.5	34.8	37.1	38.8	40.3	40.7	41.1	41.3	41.5	42.1	42.4	42.4	42.4	42.5	42.7	42.7
≥ 16000	15.5	34.8	37.1	38.8	40.3	40.7	41.1	41.3	41.5	42.1	42.4	42.4	42.4	42.5	42.7	42.7
≥ 14000	15.8	35.2	37.4	39.1	40.7	41.0	41.5	41.7	41.8	42.5	42.7	42.7	42.7	42.8	43.0	43.0
≥ 12000	16.7	36.6	39.0	40.7	42.2	42.6	43.0	43.4	43.5	44.2	44.4	44.4	44.4	44.5	44.7	44.
≥ 10000	18.1	39.8	42.5	44.5	46.3	46.6	47.1	47.5	47.6	48.3	48.5	48.5	48.5	48.7	48.9	48.9
≥ 9000	18.3	40.8	43.5	45.5	47.3	47.6	48.1	48.5	48.7	49.3	49.6	49.6	49.6	49.7	49.9	49.
≥ B000	19.6	44.3	47.2	49.4	51.6	51.9	52.4	52.8	52.9	53.6	53.8	53.8	53.8	53.9	54.2	54.2
≥ 7000	20.0	46.0	48.9	51.2	53.5	53.8	54.3	54.7	54.8	55.5	55.7	55.7	55.7	55.8	56.1	56.
≥ 6000	20.7	47.3	50.2	52.6	55.1	55.4	55.8	56.3	56.4	57.1	57.3	57.3	57.3	57.4	57.6	57.6
≥ 5000	22.1	57.4	53.7	56.4	58.9	59.2	59.7	60.3	60.4	61.1	61.3	61.3	61.3	61.5	61.7	61.
≥ 4500	22.9	53.3	56.7	59.6	62.5	62.8	63.3	63.9	64.0	64.7	64.9	64.9	64.9	65.1	65.3	65
≥ 4000	23.9	56.3	60.0	62.8	65.7	66.1	66.6	67.3	67.4	68.1	68.3	68.3	68.3	68.4	68.7	68.
≥ 3500	25 . 4	59.4	63.1	66.0	69.2	69.6	70.1	70.8	70.9	71.6	71.8	71.8	71.8	71.9	72.1	72 . :
≥ 3000	25.6	61.0	64.8	67.8	71.2	71.6	72.1	72.8	72.9	73.6	73.8	73.8	73.8	73.9	74.2	74 .
≥ 2500	26.5	63.1	67.1	70.1	73.8	74.2	74.8	75.5	75.6	76.3	76.5	76.5	76.5	76.6	76.9	76.
≥ 2000	27.4	67.1	71.1	74.2	77.9	78.2	79.1	79.8	79.9	80.7	80.9	80.9	80.9	81.0	81.2	81.2
≥ 1800	27.4	68.0	72.1	75.2	78.9	79.2	80.1	80.8	80.9	81.7	81.9	81.9	81.9	82.0	82.2	82.
≥ 1500	27.6	70.0	74.3	77.3	81.1	81.5	82.6	83.3	83.4	84.3	84.5	84.5	84.5	84.6	84.8	84.1
≥ 1200	27 . 8	71.2	75.6	78.8	82.6	82.9	84.2	84.8	84.9	85.8	86.1	86.1	86.1	86.2	86.4	86.
≥ 1000	27.9	72.1	76.7	80.1	83.9	84.3	85.7	86.5	86.6	87.5	87.8	87.8	87.8	87.9	88.1	88.
≥ 900	27.9	72.7	77.4	80.8	84.6	84.9	86.5	87.3	87.4	88.3	88.5	88.5	88.5	88.7	88.9	88.
≥ 800	27.9	73.1	78.0	81.3	85.2	85.5	87.3	88.1	88.2	89.1	89.3	89.3	89.4	89.6	89.8	89.9
≥ 760	27.9	73.8	78.8	82.6	86.6	87.1	89.0	89.8	89.9	90.8	91.0	91.0	91.1	91.2	91.5	91.
≥ 600	27.9	73.8	79.0	82.9	87.1	88.1	90.1	91.0	91.1	92.0	92.2	92.2	92.4	92.5	92.7	92.5
≥ 500	27.9	74.0	79.7	83.8	88.2	89.3	91.5	92.5	92.9	93.8	94.0	94.0	94.2	94.3	94.5	94.
≥ 400	27.9	74.Q	79.9	84.2	89.2	90.4	92.8	94.2	94.6	95.5	95.8	95.8	96.1	96.2	96.4	96.
≥ 300	27.9	74.0	79.9	84.2	89.2	90.4	92.8	94.4	94.9	96.4	96.7	96.7	97.0	97.1	97.3	e7.
≥ 200	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.6	95.3	96.9	97.3	97.4	97.8	98.C	98.2	98.
≥ 100	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.7	95.4	97.0	97.8	97.9	98.3	98.5	98.8	99.6
≥ 0	27.9	74.0	79.9	84.2	89.3	90.6	93.0	94.7	95.4	97.0	97.8	97.9	98.3	98.5	98.8	co.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SDITIONS OF THIS FORM ASE SESOLE

890

CEILING VERSUS VISIBILITY

FT KNOX/GOOMAN AAF KY

65-70,75-78

NOV

891

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CELLING							VIS	BILLITY STA	ATUTE MIL	£5						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥21/.	≥ 2	≥1%	≥1%	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	21.9	37.8	39.6	40.9	41.8	42.0	42.3		42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.6
≥ 18000 ≥ 16000	22.8	39.7	42.0 42.0	43.2	44.1	44.3	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 14000 ≥ 12000	22.8	39.7	42.8	43.2	44.1	44.3	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 10000 ≥ 900¢	24.6	44.3	46.7	48.0	50.5	49.3	49.6 51.1		49.9	50.1	50.1	50.1	50.1	50.1 51.5	50.1	50.3 51.7
≥ 8000 ≥ 7000	26.6	51.0	53.6	55.0	56.2	56.5	53.8 56.8		54.1	54.2	54.2	54.2	54.2	54.2	54.2	57.5
≥ 6000 ≥ 5000	28.2	51.9	57.4	56.0 58.7	57.2	57.5	57.8	60.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.5
≥ 4500 ≥ 4000 ≥ 3500	30.1 31.6 32.8	56.5 58.6	61.8	63.9	65.4	62.9	66.0	66.2	66.3	63.6	63.6	63.6	63.6	66.4	63.6	63.9
≥ 3000	34.0	63.0	66.4	68.5	67.3 70.3	67.6 70.5 73.7	68.1 71.0 74.3		68.5 71.4 74.6	71.5	71.5	71.5	68.6 71.5 74.7	71.5 74.7	68.6 71.5 74.7	68 · 8 71 · 7 75 · 0
≥ 2000	36.7	69.6	73.3	75.9	77.9	78.1	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2 80.2	79.5
≥ 1500	37.4	72.4	76.5	79.3	81.7	81.9	82.9		83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 1000	37.9	76.2	80.5	83.5	85.9	86.1	87.3		87.9	88.0	88.0	88.0	88.0	88.0	89.6	88.2
≥ 800 ≥ 700	38.0	77.1	81.6	85.4	87.9	88.3	89.7	90.3	90.6	90.7	90.8	90.8		93.8	90.8	
≥ 600 ≥ 500 ≥ 400	38.4	78.5	83.3	87.5	90.8	91.4	93.5	94.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	95.4
≥ 400 ≥ 300 ≥ 200	38.4	78.7	83.4	87.7	91.7	92.1	94.8	96.2	96.4	97.5	96.7	98.1	98.1	98.2	98.2	98.8
≥ 100 ≥ 0	38.4	78.7 78.7	83.4 83.4	87.7	91.7	92.3 92.3	95.1 95.1 95.1	96.4 96.4 96.4	97.2 97.2 97.2	97.9	98.2 98.2 98.2	98.4 98.4 98.4		98.7 98.7 98.7	98.7	-

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JULIS 0-14-5 (OL A) PROVIDUO SOITIONS OF THIS FORM AND GOSCLETO

0

CEILING VERSUS VISIBILITY

724240 FT KNOX/GOOMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 Hours (L.s.T.)

CEILING							VIS	BLITY ST.	ATHE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ ?	≥ 1 ½	≥11/4	≥1	2 %	≥ %	≥ ∀:	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	27.7	42.6	42.9	43.0 46.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000 ≥ 16000	29.1	45.8	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000 ≥ 12000	29.2	46.0	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000 ≥ 9000	30.8 31.8	50.6	51.0 52.4	51.2 52.6	51.3 52.8	51.3 52.8	51.3 52.8	51 · 3 52 · 8	51.3	51.3 52.8	51.3 52.8	51.3	51.3 52.8	51.3 52.8	51.3 52.8	51.3 52.8
≥ 8000 ≥ 7000	33.4	55.3	55.8 57.0	56.0	56.1 57.4	56.1	56.1	56 · 1 57 · 4	56 · 1 57 · 4	56.1 57.4	56.1 57.4	56.1	56.1 57.4	56.1 57.4	56.1 57.4	56.1
≥ 6000 ≥ 5000	34 . 6	57.0 58.9	57.6	57.8	57.9	57.9	57.9 60.0	57.9 60.0	57.9 60.0	57.9 60.0	57.9	57.9	57.9 60.0	57.9 60.0	57.9 60.0	57.9
≥ 4500 ≥ 4000	35.4	63.2	64.3	61.8	64.9	64.9	64.9	64.9	61.9	64.9	61.9	64.9	64.9	61.9	64.9	61.9
≥ 3500 ≥ 3000	40.4	69.1	70.6	71.2	71.4	71.4	71.4	68.3	71.5		68.3 71.5	68.3	68.3	68.3	68.3	68.3
≥ 2500 ≥ 2000	42.3	72.2	73.8	74.6	79.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800 ≥ 1500	45.6	78.6	80.8	81.8	84.9	82.0	82.0 85.3	82 · 1 85 · 4	82.1	82.1 85.4	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200 ≥ 1000	45.8	82.8	85.7	87.1	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	-
≥ 900 ≥ 800	45.9	85.4	87.7	90.6	89.9	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
≥ 700 ≥ 600 ≥ 500	46.1	85.6	90.1	91.2 92.2 93.3	93.1	92.2	93.1 94.6 96.0	93.4 95.3 96.6	93.4 95.3 97.0	93.4 95.3	93.4 95.3	93.4 95.3	95.3	95.3	95.3	
≥ 500 ≥ 400 ≥ 300	46.1	86.7	90.9	93.5	95.5	96.0	97.5	98.3	98.9	98.9	98.9	98.9	97.0 98.9	97.0 98.9 99.0	99.0	97.3
≥ 200 ≥ 100	46.1	86.7	90.9	93.5	95.5	96.0	97.6	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.7	The Court of the Land
≥ 0	46.1	86.7	90.9	93.5	95.5	96.0			99.1	99.3	99.4	99.4	99.4	99.4	99.9	

TOTAL NUMBER OF OBSERVATIONS ___

889

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS REITIONS

CEILING VERSUS VISIBILITY

724240

FT KNOX/GOOMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 Hours (L.s.Y.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥5	≥ 4	≥3	≥ 2 1/5	≥ 2	≥1%	21%	≥1	≥ ¼	≥%	≥ %	≥ 5/16	≥ 4	≥0
ONIHED ON	29.1	42.8	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	31.1	46.7	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.C	48.0	48.0	48.0	48.
≥ 18000	31.1	47.0	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	46.2
≥ 16000	31.1	47. g	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.
≥ 14000	31.1	47.1	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.
≥ 12000	32.7	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50 .
≥ 10000	33.6	51.1	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.
≥ 9000	34.0	51.9	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
≥ 8000	35.1	55.7	56.5	57.0	57.0	57.0	57.0	57.0	57.D	57.0	57.0	57.0	57.0	57.0	57.0	57.
≥ 7000	35.5	57.3	58.1	58.5	58.5	58.5	58.5	58.5	58 . 5	58.5	58.5	58.5	58.5	58.5	58.5	58.
≥ 6000	36.2	59.1	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
≥ 5000	36.9	60.9	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
≥ 4500	37.9	62.7	63.6	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.
≥ 4000	40.8	67.9	68.8	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.
≥ 3500	41.9	70.6	71.6	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.
≥ 3000	42.8	72.7	73.9		75.1	75.1	75.3	75.3		75.3	75.4	75.4	75.4	75.4	75.4	75.
≥ 2500	44.2	75.1	76.5	77.5	77.8	77.8	78.0	78.1	78 - 1	78.1	78 . 2	78.2	78.2	78.2	78.2	78 .
≥ 2000	44.9	79.6	81.1	82.1	82.5	82.5	82.7	82.8		82.8	82.9	82.9	82.9	82.9	82.9	82.
≥ 1800	45.3	80.7	82.2	83.5	84.0	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.
≥ 1500	45.8	82.1	84.2	85.7	86.3	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.
≥ 1200	46.2	84.5	86.9	88.5	89.2	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.
≥ 1000	46.2	85.3	87.9	89.6	90.2	90.3	90.9				91.1	91.1	91.1	91.1	91.1	91.
≥ 900	46.2	86.0	88.5	90.6	91.3	91.6	92.1	92.2	92.4	92.4	92.5		92.5	92.5	92.5	92
≥ 800	46.2	86.3	89.1	91.6	92.4	92.6	93.3	93.5			93.7					
≥ 700	46.2	86.3	89.2	91.8	93.0	93.4	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.
≥ 600	46.2	86.5	89.6	92.5	93.9	94:4	95.3	95.6		95.7	95.8		95.8		95.8	95.
≥ 500	46.3	86.9	90.0	93.3	95.2	95.6	96.5	96.9	97.0	97.0	97.1		97.1	97.1	97.1	97.
≥ 400	46.3	87.0	90.1	93.5	95.6	96.3	97.5	98.0		98.1			98.2	98.2	98.2	98.
≥ 300	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.2	98.7	98.8	98.2		99.0	99.0	99.0	99.
≥ 200	46.3	87.0	90.1	93.5					1 - 1					99.6		
> 100	46	87.0	90.1	93.5		96.3	97.6	98.4	98.9	99.3					99.6	
≥ 100 ≥ 0	1			1113		96.3		98.4	98.9	99.3	99.6		99.6	99.6	99.6	
_	46.3	87.0	90.1	93.5	95.6	96.3	97.6	98.4	98.9	99.3	99.6	99.6	44.6	99.6	99.6	100

TOTAL NUMBER OF OBSERVATIONS

890

USAF ETAC JUL 44 0-14-5 (OL A) PROVIDUS EDITIONS OF THIS FORM ARE OSSOLETE

1.

CEILING VERSUS VISIBILITY

724240

0

0

0

0

0

FT KNOX/GODMAN AAF KY STATION NAME

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (C.S.T.)

893

CERING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥4	≥3	≥2%	≥2 .	≥1%	≥1%	≥1	≥ ¼	≥%	≥ ⅓	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	19.4	44.1	45.7	45.8	46.0		46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
	20.3	46.4		48.2	48.4	48.7			48.8	48.8	48.8	48.8	48.8	48.9	48.8	48.8
≥ 18000	20.3	46.4			48.4		48.8		48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
	20.3	46.4			48.4				48.8	48.8	48.8	48.8		48.8	48.8	48.8
≥ 14000 ≥ 12000	20.3	46.4		48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2 12000	21.2	48.7	50.3	50.5	50.7	51.1	51.2		51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	22.3	51.8	53.4	53.6	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54 . 3	54.3
≥ 9000	22.7	52.3	53.9	54.1	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	23.3	54.2	55.9	56.1	56.3	56'-7	56.8	56.8	56.9	56 . 9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	24.2	57.2	59.0	59.2	59.5	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	25.0	59.4	61.1	61.4	61.6	61.9	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	25.4	62.5	64.5	64.7	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65 . 5	65.5
≥ 4500	26.8	64.7	66.7	67.0	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	29.3	70.4	72.5	72.7	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	30.2	72.2		74.5	74.7	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	30.7	74.2	76.5	76.7	77.0				77.7	77.7	77.7		77.7	77.7	77.7	77.7
≥ 2500	31.1	76.9			80.2	80.5		80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	32.3	80.0	82.4	83.0	83.4	83.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	32.3	80.4	83.1	83.5	-		84.5	V	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.5
≥ 1500	32.4	81.6	84.3	85.1	85.9		86.8		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	32.7	93.8	86.8	87.6	88.4	-	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	33.3	34.8	87.9	88.8	89.9				91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	33.3	84.9		89.0	90.3	90.9	91.5		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	33.3	85.7	89.4	90.3	91.6	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	33.3	85.7	89.7	90.6	91.9		93.7	94.0		94.2		94.2	94.2	94 2	94.2	94.2
≥ 600	33.3	85.9	90.3	91.3	92.6		94.7	95.2	95.4		95.4	95.4	95.4	95.4	95.4	95.4
	33.3	86.1				94.3		96.2		95.4						
≥ 500 ≥ 400			90.6	91.7	93.2		95.7		96 . 4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	33.3	86.2	90.7	91.8	93.4	94.5		96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300 ≥ 200	33.3	86.3	90.9	92.5	94.3	95.4	97.2	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
- 700	33.3	86.3	90.9	92.5	94.3	95.4	97.3		99.0		99.7	99.7	99.7	99.7	99.7	99.
≥ 100	33.3	86.3	90.9	92.5	94.3	95.4	97.3		99.0	99.7	99.7	99.7	99.7	99.7		100.0
≥ 0	33.3	86.3	90.9	92.5	94.3	95.4	97.3	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS SOLTIONS OF THIS FORM ARE ORSOLETE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

CEILING							VIS	8 LITY ST	ATUTE MIL	ES						
(PEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	21	≥ ¼	≥ %	≥ ∀:	≥ 5/16	≥ ′4	≥0
NO CEILING	18.4	44.0	45.6	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6
≥ 20000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.
≥ 18000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.
≥ 16/000	18.7	45.0	46.8	47.6	47.7	48,1	48.1	48.1	48 . 1	48.1	48.1	48.1	48.2	48.2	48.2	48.
≥ 14000	18.7	45.0	46.8	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.
≥ 12000	19.4	47.3	49.1	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.
≥ 10000	20.8	51.5	53.3	54.1	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.
≥ 9000	21.2	52.3	54.2	55.0	55.1	55,4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.
≥ 8000	21.5	55.0	56.9	57.7	57.8	58.1	58 . 1	58.1	58.1	58 - 1	58.1	58.1	58.2	58.2	58.2	58.
≥ 7000	22.3	58.4	68.4	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.
≥ 6000	22.5	59.8	61.8	62.7	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.
≥ 5000	23.5	62.5	64.6	65.5	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.
≥ 4500	24 . 7	66.2	68.5	69.4	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.
≥ 4000	26.5	70.2	72.4	73.4	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.
≥ 3500	26.5	71.1	73.3	74.5	75.0	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.
≥ 3000	26.4	73.3	75.9	77.1	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.
≥ 2500	26.8	75.9	78.7	80.0	80.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.
≥ 2000	27.5	78.6	81.5	83.2	84.1	84.7	84.7	84 . 8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.
≥ 1800	27.6	79.1	82.2	83.9	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.
≥ 1500	27.9	80.3	83.9	85.7	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.
≥ 1200	27.9	81.9	85.5	87.3	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.
≥ 1000	28.3	82.9	86.5	88.3	89.6	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	93.4	90.
≥ 900	28 . 5	83.6	87.5	89.3	90.8	91.4	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.
≥ 800	28.6	84.3	88.7	90.7	92.1	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.
≥ 700	28 . 6	84.8	89.3	91.4	92.9	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.
≥ 600	28.6	85.1	89.6	91.8	93.2	93.9	94.4	94.7	94 . 7	94.7	94.7	94.7	94.5	94.8	94.8	94.
≥ 500	28.6	85.8	90.4	92.7	94.5	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.
≥ 400	28.6	85.8	90.5	93.1	95.0	95.8	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	97.
≥ 300	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.3	97.5	97.7	97.9	98.1	98.2	98.2	98.2	98.
≥ 200	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.7	98.2	98.5	98.6	98.9	99.0	99.0	99.0	99.
> 100	28.6	85.9	90.7	93.2	95.3	96.1	96.8	97.7	98.2	98.5	98.8	99.0	99.2	99.2	99.2	99.
2 0	28.6	85.9	90.7	93.2		96.1	96.8	97.7	98.2	98.5	98.8	99.0	99.2	99.2	99.2	

TOTAL NUMBER OF OBSERVATIONS ____

888

USAF ETAC JUL SE 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE DESOLUTE

CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING							VIS	B LITY 51	ATUTE MIL	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/5	≥ 2	≥ 1 %	≥1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥0
NO CEILING	21.2	41.4	42.9	43.5	44.0	44.1	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.5	44.5	44.
≥ 20000	22,1	43.3	44.9	45.6	46.0	46.2	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.6	46.6	46
≥ 18000	22.2	43.4	45.0	45.7	46.1	46.3	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.7	46.7	46.
≥ 16000	22,2	43.4	45.0	45.7	46.1	46.3	46.4	46.4	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.
≥ 14000	22.2	43.5	45.1	45.7	46.2	46.3	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.8	46.8	46.
≥ 12000	23.1	45.2	46.8	47.5	48.0	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.6	48.6	48.
≥ 10000	24.4	48.6	50.3	51.1	51.5	5167	51.9	51.9	52.0	52.1		52.1	52.2	52.2	52.3	52.
≥ 9000	24 . 8	49.5			52.5		52.8				53.1	53.1	53.1	53.2	53.2	
≥ 8000	25.6	52 . 5	-	-	55.7					56.3	56.3			56.4	56.5	56.
≥ 7000	26.2	54.7		7		58.2				58.6	58.7		and the same	58.7		58
≥ 6000	26.7	56.2	58.1	59.0	59.6				60.1		60.3	60.3			60.4	50.
≥ 5000	27.6	58.9				62.8						63.2		63.3		63.
> 4500	28.5	61.1	63.4	64.4	65.2						65.9	65.9	65.9			
≥ 4000	30.3	65.2				69.8			70.1	70.3					70.4	
≥ 3500	31.2	67.3	69.7	70.9	71.9										-	_
≥ 3000				73.5							72.7	72.7		72.8		
≥ 2500	31.8	69.6	72.2		74.5		75.0			75.4	75.4	75.4	75.4	75.5		
≥ 2000	32 - 7	72.0	74.8	76.2	77.3			78.0			78 - 2				78.3	
	33.7	75.6						82.1				82.3				
≥ 1800 ≥ 1500	33.8	76.5			82.5						83.5					83.
	34.2	78.2			84,7		85.5					85.9				
≥ 1200	34 • 3	79.9	83.4	85.3	86 . 8		87.6						88.1	88.2	88.2	88.
= 1000	34.5	80.9	-		88.1		89.1	89.4				89.7	-			89.
≥ 900	34 . 6	81.7	85.5	87.6	89.2	-	90 . 4	90.7	90 . 8	90.9	91.0	91.0	91.0	91.1	91.1	91.
≥ 800	34 . 6	82.2	86.2	88.5	90.2	90.6	91.5	91.8	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.
≥ 700	34 . 7	82.6	86.8	89.2	91.1	91.6	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.3	93.4	93.
≥ 600	34 . 7	82.9	87.2	89.7	91.8	92.4	93.5	94.0	94.1	94.3	94.4	94.4	94.4	94.5	94 . 5	94.
≥ 500	34 . 7	83.3	87.7	90.4	92.8	93.4	94.7	95.3	95.5	95.7	95.8	95.8	95.8	95.9	95.9	96.
≥ 400	34 . 7	83.3	87.8	90.6	93.4	94.2	95.7	96.5	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.
≥ 300	34.7	83.4	87.9	90.7	93.6	94.4		96.9			97.9	98.0	98 .C	98.1	98.2	98.
≥ 200	34.7	83.4	87.9	90.8	93.6	94.4		97.2		98.3		98.6				99.
≥ 100	34.7	83.4			93.6					98.3		98.7			99.3	
≥ 0	34.7	83.4	87.9			94.4						98.7	98.9	99.0		

7117 TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

724240

0

2

FT KNOX/GODMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (C.S.Y.)

CEILING							VIS	B LITY ST	ATUTE MILI	ES						
(FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ %	≥ ₩.	≥ 5/16	≥ ¼	≥0
NO CEILING	19.9	45.7	45.8	45.8	46.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.
≥ 20000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.
≥ 18000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.
≥ 16000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.
≥ 14000	20.1	47.7	47.8	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48 . 2	48.2	48.2	48.2	48.2	48.
≥ 12000	20.7	48.9	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.
≥ 10000	21.1	50.8	51.1	51.2	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.
≥ 9000	21.3	51.4	51.7	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.
≥ 8000	22.0	53.2	53.5	53.6	53.8	53.8	53.8	54.0	54.C	54.0	54.0	54.0	54 D	54.0	54.0	54.
≥ 7000	22.9	55.3	55.6	55 . 7	56.0	56.0	56.0		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.
≥ 6000	23.2	58.0	58.2	58.3	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
≥ 5000	23.8	59.2	59.5	59.8	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.
≥ 4500	24.0	60.5	60.7	61.1	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.
≥ 4000	24.3	62.9		63.5	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.
≥ 3500	25.1	64.9		65.7	66.2	66.4	66.4	66.5	66.5		66.5	66.5	66.5	66.5	66.5	
≥ 3000	26.5	68.1	68.5	69.1	70.0		70 - 1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
≥ 2500	27.6	71.4	71.9	72.5	73.4		73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.
≥ 2000	28.4	75.4	75.9	76.5	77.4	77.5	77.8	77.9			77.9	77.9	77.9	77.9	77.9	77.
≥ 1800	28.4	77.5		79.0	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.
≥ 1500	28.7	79.5	80.7	81.6	82.4	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.
≥ 1200	29.0	81.2		83.4	84.4	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 1000	29.0	82.3	83.7	84.9	85.9	19.00	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.
> 900	29.0	82.8	84.7	86.1	87.2	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.
≥ 800	29.0	83.6		87.2	88.3	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.
≥ 700	29.0	84.4	86.8	88 6	89.8		91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.
≥ 600	29.0	84.8	87.5	90.0	91.2	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.
≥ 500	29.0	85.9	88.7	91.3	93.1	94.0	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.
≥ 400	29.0	85.9	89.1	91.8	94.0	95.0	96.7	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	
≥ 300	29.0	85.9		91.8	94.2	95.2	97.1	97.4	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.
≥ 200	29.0	85.9		91.8	94.2	95.2	97.4	97.7	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.
> 100	29.0	85.9		91.8	94.2		97.4				98.9		99.0	99.0	99.0	-
> 100	29.0	85.9	89.1	91.8	94.2	95.2	97.4	97.7		300	98.9	98.9	99.0			100
	27.4	03.7	87.4	41.d	77.4	73.4	7104	7101	98.5	98.6	70.7	70.7	77 . U	99.0	77.0	LUU.

TOTAL NUMBER OF OBSERVATIONS 79

USAF ETAC JUL 44 0-14-5 (OL A) PROVIOUS SEITIONS OF THIS FORM ARE OSSOLETS

CEILING VERSUS VISIBILITY

724240

FT KNOX/GOOMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING							VIS	B LITY ST	ATUTE MIL	ES						
(FEE*)	≥ 10	≥ 6	≥5	≥ 4	≥3	≥ 2%	≥ 2	≥+%	≥1%	≥1	≥ ¼	≥ %	≥ %	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	17.7	43.5	Daniel Cal	44.2		44.9	45.2	45.5	45.5	411	45.5	45.5	45.5	45.5	45.5	
≥ 18000 ≥ 16000	17.7	44.4		45.0 45.0	45.7	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 14000 ≥ 12000	17.7	44.4		45 · D		45.8	46.0		46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 10000 ≥ 9000	18.9			48.6	49.2	49.3	49.6		49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1
≥ 8000 ≥ 7000	19.6		51.7	51.8	52.5	52.6		53.2		53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 6000 ≥ 5000	20.3	52.3		53.3	54.0	54.1	54.3	54.7	54.7		54.7	54.7	54.7	54.7	54.7	54.8
≥ 4500 ≥ 4000	21.5	56.9		58.4	59.1		59.6	60.0	60.0		60.0	60.0	60.0	60.0	60.0	60.1
≥ 3500 ≥ 3000	23.0	60.8		62.3 65.0	63.6	63.8	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 2500 ≥ 2000	24.9	67.2		69.1	70.8		71.3	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 1800 ≥ 1500	26.2	72.1 74.0		74.7	76.5 78.9		77.0	77.7	77.9	78.0	78.0	78.0	78.0	78.C	78.0	78.1 81.0
≥ 1200 ≥ 1000	26.5	77.6	80.D	81.0 83.1	82.9 85.0	83.3	83.9	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.2
≥ 900 ≥ 800	26.5	79.7	83.0	84.4	86.3	86.8	87.5	88.3	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9
≥ 700 ≥ 600	26.5	81.0	84.4	86.4	88.4	89.1	89.8	90.7	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.3
≥ 500 ≥ 400	26.5	81.6	85.7	89.2		92.3	93.3	94.3		94.6	94.8	94.8	94.8	94.8	94.8	95.0
≥ 300 ≥ 200	26.5	82.4	86.7 86.7	90.7	93.6	94.3	95.8		97.4	97.5 98.5	98.0	98.0	98.0	98.0	98.0	98.4
≥ 100 ≥ 0	26 · 5 26 · 5	82.4		90.7		94.6	96.5 96.5	97.9	98.2 98.2	98.5 98.5			99.1	99.1		99.6

TOTAL NUMBER OF OBSERVATIONS ____

795

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ASE OSSOLETS

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CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3630-0800 HOURS (C.S.T.)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ ।%	≥1%	≥1	≥ ¼	≥ %	≥⊬	≥ 5/16	≥ %	≥0
NO CEILING	14.8	35.1	36.6	38.0	38.4	38.4	38.8	38.8	38.8	38.8	38.9	38.9	39.0	39.0	39.0	39.0
≥ 20000	15.1	37.0	38.6	39.9	40.4	40.4	40.8	40.8	40.8	40.8	41.0	41.0	41.1	41.1	41.1	41.1
≥ 18000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 16000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 14000	15.2	37.1	38.7	40.0	40.5	40.5	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3
≥ 12000	15.9	38.8	40.4	41.9	42.3	42.3	42.9	42.9	42.9	42.9	43.0	43.0	43.1	43.1	43.1	43.1
≥ 10000	16.7	41.1	42.7	44.5	45.1	45.1	45.8	45.9	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.1
≥ 9000	17.3	42.2	43.8	45.7	46.2	46.2	46.9	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.
≥ 8000	18.0	43.8	45.5	47.6	48.3	48.3	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.
≥ 7000	18 . 6	45.2	46.9	49.0	49.7	49.7	50.3	50.5	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.
≥ 6000	18.9	46.0	47.7	49.8	50.5	50.5	51.1	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5
≥ 5000	19.3	47.8	49.5	51.6	52.4	52.4	53.1	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4
≥ 4500	19.9	49.9	52.1	54.1	54.9	54.9	55 . 6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9
≥ 4000	20.5	51.4	53.5	55 . 6	56.6	56.6	57.4	57.6	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8
≥ 3500	21.1	54.0	56.4	58.5	59.5	59.5	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6
≥ 3000	21.2	55.9	58.5	60.8	62.1	62.2	63.4	63.5	63.5	63.7	63.8	63.8	64.0	64.0	64.0	64.0
≥ 2500	21.9	58.8	61.3	63.7	65.2	65.3	66.5	66.6	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.1
≥ 2000	23.7	64.0	66.9	69.6	71.2	71.3	72.7	72.9	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5
≥ 1800	24.0	65.6	68.5	71.3	73.0	73.1	74.5	74.7	74.7	75 • 1	75.2	75.2	75.3	75.3	75.3	75.
≥ 1500	24.6	68.6	71.9	74.7	76.7	76.8	78.3	78.5	78.5	78.8	78.9	78.9	79.1	79.1	79.1	79.1
≥ 1200	25.1	71.5	74.9	78.3	80.4	80.5	82.0	82.3		82.6	82.7	82.7	82.8	82.8	82.8	82.8
≥ (000	25.3	73.1	77.6	81.6	83.9	84.0	85.5	85.8	85.9	86.3	86.4	86.4	86.5	86.5	86.5	86.5
≥ 900	25.3	73.9	78.8	83.0	85.4	85.5	87.0	87.3	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.
≥ 800	25.3	74.4	79.4	83.6	86.6	86.7	88.3	88.9	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 700	25.3	75.1	80.7	85.4	88.6	88.8	90.5	91.1	91.2	91.5	91.6	91.6	91.8	91.8	91.8	91.
≥ 600	25.3	75.5	81.2	86.0	89.4		91.5	92.1		92.7	100		92.9	92.9	92.9	92.9
≥ 500	25.3	75.7	81.7	86 . 6	90.5	90.8	93.2	93.8	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.
≥ 400	25.3	76.0	82.0	87.2	91.3		94.5	95.7	96.1	96.7	96.8	Control of the Contro	96.9	96.9	96.9	96.9
≥ 300	25.3	76.2	82.3	87.4	91.6	92.2	95.5	96.7	97.1	97.8	97.9	97.9	98.1	98.1	98.1	98.
≥ 200	25.3	76.2		87.4	91.8		95.7				99.1	99.1	99.2	99.3	99.3	99.4
≥ 100	25.3	76.2		87.4	91.8		95.7	97.4				99.1	99.2			
2 0	25.3	76.2		87.4	91.8					100000			99.3			

TOTAL NUMBER OF OBSERVATIONS _

874

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

724240

0

FT KNOX/GODMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BLITY ST.	ATUTE MILI	ES						
(FEE+)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥ 1%	≥1%	≥1	≥ 16	≥ %	≥ %	≥5/16	≥ 4	≥0
NO CEILING	23.2	38.3	39.1	39.7	40.0	40.2	40.4	40.4	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6
≥ 20000	24.1	39.9	40.8	41.3	41.7	41.9	42.0	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2
≥ 18000	24.2	40.0	40.9	41.4	41.8	42.0	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3
≥ 16000	24.2	40.1	41.0	41.6	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
≥ 14000	24.3	40.2	41.1	41.7	42.0	42.2	42.3	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5
≥ 12000	24.8	41.9	42.8	43.3	43.6	43.9	44.0	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2
≥ 10000	25.8	44.8	45.9	46.5	46.8	47.0	47.1	47.3	47.4	47.5	47.5	47.6	47.7	47.7	47.7	47.7
≥ 9000	26.3	46.2	47.3	47.8	48.1	48.4	48.5	48.6	48.7	48.8	48.8	48.9	49.0	49.0	49.C	49.0
≥ 8000	27.4	48.4	49.5	50.2	50.5	50.8	50.9	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4
≥ *2000	28.2	50.2	51.3	52.1	52.4	52.6	52.7		53.0		53.1	53.2	53.3	53.3	53.3	53.3
≥ 6000 ≥ 5000	28.4	51.2	52.3	53.3	53.7	53.9	54.2	4.00	54 . 4	54.5		54.6	54.7	54.7	54.7	54.7
	28.8	52.7	53.8	54.8	55.4	55.6	55.8		56.0		56.1	56.3	56.4	56.4	56.4	56.4
≥ 4500 ≥ 4000	29.5	54.6	55.8	56.9	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4
	29.9	56.4	57.6	58.7	59.3	59.6	60.0	60.1	60 . 2	60.3	60.3	60.4	60.5	60.5	60.5	60.5
≥ 3500	30.5	57.8	59.2		61.0	61.3	61.6	61.7	61.8	62.0	, ,	62.1	62.2	62.2	62.2	62.2
	31.0	59.3	60.7		62.6	63.0	63.4	63.5	63.6	63.7		63.8	63.9		63.9	
≥ 2500	32.8	61.8	63.6	64.8	65.7	66.2	66.8	66.9	67.0		1	67.2	67.3	67.3	67.3	
≥ 2000	34.2	67.2	69.2	70.5	71.5	72.1	73.5	73.6	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1
≥ 1800	34.5	68.5	70.6	72.0	73.0	73.7	75.1	75.2	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9
≥ 1500	36.1	72.4	74.7	76.2	77.3	78.2	80.2	80.3	80.4	80.7	80.7	80.8	80.9	80.9	80.9	30.9
≥ 1200	36.4	74.9	77.9	79.5	80.6	81.6	83.6	83.7	83.8	84.1	84.1	84.2	84.3		84.3	84.3
≥ 1000	36.8	76.0	79.4	81.3	82.8	83.9	86.2	86.3	86.4	86.7	86.7	86.8	87.0	87.0	87.0	87.0
≥ 900	37.0	77.d	80.6	82.8	84.4	85.5	87.8	87.9	88 . 2	88.5	88.5	88.6	88.7	88.7	88.7	88 . 7
≥ 800	37.1	77.2	81.5	83.7	85.6	86.7	89.5	89.7	89.9	90.2	90.2	90.4	90.5	90.5	90.5	90.5
≥ 700	37.1	77.3	81.7	84 . 5	86.7	87.8	90.7	90.9	91 . 1	91.4	91.4	91.6	91.7	91.7	91.7	91.7
≥ 600	37.1	77.7	82.6	85.4	88.2	89.3	92.1	92.3	92.8	93.1	93.1	93.2	93.4	93.4	93.4	93.4
≥ 500	37.1	78.0	83.0	86 . 2	89.1	90.5	93.4	93.8	94.5	95.0	95.2	95.3	95.5	95.5	95.5	95.5
≥ 400	37.1	78.2	83.7	87.1		91.7	95.2	95.8	96.6	97.3	97.5	97.6	97.8	97.8	97.8	97.8
≥ 300	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.5	98.2	98.5	98.6	98.8	98.8	98.8	98.8
≥ 200	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.7	99.7
≥ 100	37 - 2	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.8	99.8
≥ 0	37.1	78.2	83.7	87.1	90.2	91.7	95.3	96.6	97.6	98.9	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS ____

912

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS SCITIONS OF THIS FORM ARE GEOGLETS

CEILING VERSUS VISIBILITY

724243

FT KNOX/GODMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

CERING							VIS	B-LITY ST	ATUTE MIL	£S						
/FEE",	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥11/4	21	≥ %	≥ %	≥ %:	≥ 5/16	≥16	≥0
O CEILING	29.4	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	43.
≥ 20000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44. ?	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.
≥ 18000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.
≥ 16000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44 . 2	44.2	44.2	44.2	44.2	44.2	44.2	44.
≥ 14000	31.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.
≥ 12000	32.6	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.
≥ 10000	33.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.
≥ 9000	34.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.
≥ 8000	36.6	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.
≥ 7000	37.7	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56 . D	56.0	56.0	56.0	56.
≥ 6000	37.8	56.0	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.
≥ 5000	37.9	57.3	57.8	57.9	58.0	58.0	58.0		58.0	58.0	58.0			58.0	58.0	58.
≥ 4500	38.6	58.8	59.2	59.3	59.4	59.4	59.4		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.
2 4000	39.0	60.4	60.9	61.3	61.4	61.6	61.6	61.6	61 . 6	61.6	61.6	61.6	61.7	61.7	61.7	61.
≥ 3500	39.4	61.6	62.1	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.D	63.D	63.2	63.2	63.2	63.
≥ 3000	40.0	62.7	63.3	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.
≥ 2500	41.4	65.7	66.2	67.1	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.
≥ 2000	44.0	71.4	71.9	72.8	73.7	74.1	74.5	74 . 6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.
≥ 1800	44.8	74.1	74.8	75.7	76.5	77.0	77.3	77.4	77.4					77.7	77.7	77.
≥ 1500	46.3	78.3	78.9	79.9	80.9	81.4	81.9	82.1					I I TO THE STATE OF THE	82.5	82.5	82.
≥ 1200	46.7	80.7	81.8	82.9	84.2	84.9	85.5	85.7	85.7	86.D		86.0	86.1	86.1	86.1	86.
≥ i000	47.0	82.6	84.2	85.3	86.7	87.5	88.3	88.5	88 . 5	88.7	88.8	88.8	89 D	89.0	89.C	89.
> 900	47.0	83.3	85.1	86.2	87.6	88.4	89.1	89.4	89.4	89.6	89.7	89.7	89.9	89.9	89.9	89.
≥ 800	47.0	84.0	86.0	87.2	88.6	89.5	90.4	90.6	90.6		90.9	90.9	91.1	91.1	91.1	91.
≥ 700	47.0	84.2	86.4	87.6	89.4	90.4	91.4	91.7	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.
≥ 600	47.1	84.8	87.4	88.8	90.6	91.6	92.9	93.1	93.2	93.5	93.9	93.9	94.1	94.1	94.1	94.
≥ 500	47.4	85.3	87.9	89.7	91.6	93.1	94.6	95.0		95.5	95.9	95.9	96.2	96.2	96.2	96.
≥ 400	47.4	85.4	88.0	89.8	91.8	93.4	95.5	95.9	96.1	96.8	97.3	97.3	97.6	97.6	97.6	
≥ 300	47.4	85.5	88.2	89.9	91.9	93.5	96.1	96.5	96.9	97.8	98.4	98.4	98.7	98.7	98.7	-
≥ 200	47.4	85.6		90.0	92.0	93.6	96.3	96.8	97.3	98.5	99.0	99.0	99.7	99.8	99.8	
> 100	47.4	85.6	88.3	90.0	92.0	93.6	96.3	96.8	97.3	98.5	99.1	99.1			99.9	
≥ 0	47.4	85.6		90.0	92.0	93.6	96.3	96.8	97.3		99.2			100.0		

TOTAL NUMBER OF OBSERVATIONS ___

912

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS STITIONS OF THIS FORM ARE DESCLETS

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CEILING VERSUS VISIBILITY

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.Y.)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
(FEE?)	≥10	≥ 0	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥+%	≥11/4	≥1	≥ %	≥ %	≥ ⊬:	≥ 5/16	≥ ¼	≥0
NO CERING	30.2	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	31.4	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	31.8	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	32.6	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000	34.0	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	35.3	52.4	52.6	52.7	52.7	52 . 7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	37.2	55.4	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	38 - 4	58.0	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	38.9	58.6	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000	39.1	60.0	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	40.2	62.0	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
≥ 4000	40.5	63.8	64.7	65.0	65.0	65.1	65.1		65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	41.1	64.9	65.9	66.2	66.3	65.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	42.0	67.3	68.4	68.7	68.9	69.0	69.0		69.0		69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500	43.1	70.6	71.8		72.7	72.8	72.8	72.8	72.8		73.1	73.1	73.1	73.1	73.1	73.1
≥ 2000	44.8	75.4	76.8	77.4	77.9	78.0	78.0		78 . 2	78.3	78.5	78.5	78.5	78.5	78.5	
> 1800	45.1	77.2	78.9	79.5	80.0	80.1	80.1	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	45.8	79.9	82.1	82.7	83.2	83.3	83.4	83.5	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	46.2	81.6	84.3	84.9	85.5	85.6	85.8	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	46.2	83.4	86.5	87.3	9.5	88.4	88.6	0.702	4020-24	88.9	89.2	89.2	89.2	89.2	89.2	89.2
> 900	46.2	83.5	86.6	87.5	88.5	88.9	89.2	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	46.2	84.3	87.5	88.6	89.7	-	90.6		91.0		91.4	91.4	91.4	91.4	91.4	711
≥ 700	46.2	84.3	87.6	88.8	90.0	90.5	91.2	91.5	91.7		92.1	92.1	92.1	92.1	92.1	92.1
≥ 600							92.6		93.4	93.5						
> 600	46.3	84.7	88.4	89.8	91.2	91.7	94.3	94.7	95.1		94.1	94.1	94.1	94.1	94.1	94.1
≥ 500 ≥ 400						92.6					95.8	95.8	95 - 8	95.8	95.8	95.8
	46.3	85.0	38.5	90.3	92.3	93.1	95.1	95.6	96.2	96.4	97.0	97.0	97.1	97.1	97.1	97.1
≥ 300	46.3	85.0	88.5	90.3	92.3	93.1	95.3	95.9	96.9	97.3	98.0	98.0	98.6	98.8	98.8	98.8
	46.3	85.0	88.5	90.3	92.3	93.1	95.4	96.3	97.3		98.4	98.7	99.3	99.6	99.6	99.6
≥ 100	46.3	85.0	88.5	90.3	92.3	93.1	95.4	96.3	97.3		98 - 4	98 - 7	99.5	99.7	99.8	99.9
2 0	46.3	85.7	88.5	90.3	92.3	93.1	95.4	96.3	97.3	97.6	98.4	98.7	99.5	99.7	79.8	100.0

TOTAL NUMBER OF OBSERVATIONS _

USAF ETAC JUL SE 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE GEOGLETE

CEILING VERSUS VISIBILITY

0

724240 FT KNOX/GODMAN AAF KY

65-70,75-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LS.T.)

CEILING							VIS	BILITY ST.	ATUTE MILI	ES						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ %	≥ %:	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	26.4	45.2		45.6		45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.
≥ 18000 ≥ 16000	27.2	47.4	47.9	48.2		48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.
≥ 14000 ≥ 12000	27.5	47.8	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.
≥ 10000 ≥ 9000	29.4	53.7	54.3	54.6		54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.
≥ 8000 ≥ 7000	30.3	57.1	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9 60.7	57.9	57.9	57.
≥ 6000 ≥ 5000	32.0 32.3	61.1	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
≥ 4500 ≥ 4000	33.2	64.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3		65.3	65.3	65.
≥ 3500 ≥ 3000	34.2	67.2		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.
≥ 2500 ≥ 2000	35.5 36.7	74.1	75.3	75.6	75.8	75.8	75.8	75.8		75.8	76.0 80.1	76.0	76.0 80.1	76.0 80.1	76.0	
≥ 1800 ≥ 1500	36.8	78.6	80.4	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6		81.6	81.6	81.
≥ 1200 ≥ 1000	37.0 37.0	83.2	85.4	86.5	87.2	87.2	87.2 87.9	87.2	87.2	87.2	87.5 88.1	87.5	87.5 88.1	87.5	87.5 88.1	87.
≥ 900 ≥ 800	37.0 37.0	84.2	86.9	88.5	89.7	89.7	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.
≥ 700 ≥ 600	37.0 37.0	84.4	87.4	89.2	90.9	90.9	91.0	91.1	91.1 92.6	91.1	91.5	91.5 93.0	91.5 93.0	91.5 93.0	91.5 93.0	91. 93.
≥ 500 ≥ 400	37.0 37.0	85.1 85.2	88.4	90.9	92.9	93.0	93.2	93.9	93.9 95.4	93.9	94.2	94.2	94 • 2 95 • 9	94.2	94.2	94.
≥ 300 ≥ 200	37.0 37.0	85.2 85.2	88.5	91.4	94.2	94.4	94.9	96.1	96 · 2 96 · 5		97.7	97.7 98.4	98 • Z 99 • O	98.2	98.2	
≥ 100	37.0 37.0	85.2	88.5	91.4	94.2	94.4	94.9	96.2	96.5	97.1	98.4	98.4	99.1	99.4	99.6	

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE SESOLETE

CEILING VERSUS VISIBILITY

724240

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0

FT KNOX/GODMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURE (L.E.T.)

							VIS	BLITY ST	ATUTE MILI	ES						
CEILING (FEET)	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ 1/4	≥ %	≥ 4;	≥ 5/16	≥ 14	≥0
NO CEILING	22.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	23.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	23.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	24 . 6	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51 . 2	51.2	51.2	51.2
≥ 10000	25.6	54.1	54.1	54 . 1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ '9000	25.9	54.5	54.5	54 . 5	54 .6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	26.7	56.7	56.7	56 . 7	56.8	56.8		56.8	56 . 8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 700%	27.5	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	28.5	61.0	61.0	61.0	61.1	61.1	61.1		61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	29.0	63.5	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	.63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	29.3	64.6	64.8	64 . 8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
≥ 400C	29.4	66.3	66.7	66.7	66.9	66.9	66.9		66.9		66.9	66.9	66.9	66.9	66.9	
≥ 3500	30.0	67.2	67.8	67.8	68.1	68.1	68.1	68.1	68.1		68 - 1	68.1	68.1	68.1	68.1	
≥ 3000	31.7	70.1	70.7	71.0	71.4	71.4	71.4		71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	32.4	74.4	75.0	75.4	76.0	76.0	76.0		76.0		76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	32.8	78.2		79.7	80.5	80.5	80.5		80.5		80.7	80.7	80.7	80.7	80.7	
≥ 1800	33.0	79.1	80.5	80.9	81.6	81.6	81.6		81.6		81.9	81.9	81.9	81.9	81.9	
≥ 1500	33.0	81.7	83.3	83.7	84.4	84.4	84.4	84.4	84.4	2	84.7	84.7	84.7		84 7	
≥ 1200	33.0	83.9	86.1	86.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88 - D	88.0	88 0	88 D
≥ ;000	33.7	85.3	87.5	88.2	89.4	89.4	89.4	89.4	89.4		89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	33.0	85.6	87.8	88.8	90.0	90.0	90.0		90.0		90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	33.0	85.9	88.7	89.9	91.1	91.1	91.1	91.1	91.1		91.4	91.4	91.4	91.4	91.4	
≥ 700	33.0	86.4	89.5	90.6	92.1	92.1			92.1		92.4	92.4	92.4	92.4	92.4	92.4
≥ 600	33.0	87.3	90.5	92.1	94.3	94.3	94.3	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	33.0	87.5	91.1	92.9	95.2	95.2	95.3	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	33.Q	87.5	91.3	93.0	95.4	95.4	95.6		96.7		97.1	97.1	97.2	97.2	97.2	
≥ 300	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.0	97.5	98.0	98.4	98.4	98.5	98.7	98.7	
≥ 200	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.2	97.8		98.7	98.9		99.4	99.5	98.7
	33.0	87.5	91.3			95.6					-					
≥ 100				93.0	95.4		95.8		1 7 7 7	400	98.7	98.9	99.0	99.4	99.5	99.6
	33.0	87.5	91.3	93.0	95.4	95.6	95.8	97.2	97.8	98.4	98.7	98.9	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS ___

789

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS ESITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

724240

2

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0

FT KNOX/GOOMAN AAF KY

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY ST.	ATUTE MIL	E 5						
(FEET)	≥ 10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥%	≥⊬	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	23.2 24.0	42.0	42.4	42.7		43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2
≥ 18000 ≥ 16000	24.1	44.2	44.7	45.0		45.2	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5
≥ 14000 ≥ 12000	24.2	44.4	44.9	45.2		45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 10000	25.8	48.8	49.4	49.8	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
≥ 8000 ≥ 7000	27.5	52.2	52.9	53.3	53.6	53.6	53.8	56.0	53.9	53.9 56.0	53.9	53.9	53.9	53.9	53.9	54.0
≥ 6000 ≥ 5000	28.7	55.4	56.1 57.8	56.6	56.9 58.7	57.0	57.1 58.9	57.2 59.0	57.2	57.2 59.0	57.3	57.3	57.3 59.1	57.3 59.1	57.3 59.1	57.3 59.1
≥ 4500 ≥ 4000	29.7	58.8	59.7	60.3	60.6	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3500 ≥ 3000	30.8	62.1	63.2	63.9	64.4	64.5	64.7	67.5	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
≥ 2500 ≥ 2000	32.7 34.1	67.8	69.0	69.9	70.7 75.7	70.9	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5
≥ 1800 ≥ 1500	34.4	73.9	75.6	76.6	77.6 81.0	77.8	78.3 81.9	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1200 ≥ 1000	35.3	79.2	81.5	82.8	84.0 86.1	84.4	85.	85.3	85.3	85.4	85.6	85.6	85.6 88.0	85.6	85.6	
≥ 900 ≥ 800	35.4	81.7	84.1	85.8	87.3	87.8	88.6	88.8	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.
≥ 700 ≥ 600	35.5	82.5	85.9	87.6	89.4	90.0	91.0	91.3	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.
≥ 500 ≥ 400	35.5 35.5	82.9	86.8	89.5		92.6	94.1	94.6	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.
≥ 300 ≥ 200	35.5 35.5	83.1	87.2	90.1	92.9	93.7	95.7	96.7	97.2	97.7 98.3	98.1	98.1	98.4	98.4	98.4	98.
≥ †00 ≥ 0	35.5 35.5	83.1	87.2	90.1	92.9	93.7	95.9	97.0 97.0	97.6	98.3 98.3	98.8	98.9	99.3	99.4	99.5	

TOTAL NUMBER OF OBSERVATIONS ___

67

USAF ETAC JUL M 0-14-5 (OL A) PERVIOUS ESTISMS OF THIS FORM ASE SEEDLE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED.

BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

SKY COVER

724240

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FT KNOX/GOOMAN AAF KY

65-70,76-79

JAN

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBS . EVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MOITH	(L.S.T.)	0	1	2	3	,	5	6	7	8	9	10	SKY COVER	OBS
JAN	00-02	28.1			13.3						11.1	47.5	6.2	890
	03-05	27.7			10.7						11.0	50.6	6.4	889
	06-08	16.1			15.6						13.4	54.9	7.2	90
	09-11	11.1			19.9						16.8	52.1	7.3	915
	12-14	12.0			16.9						20.8	50.3	7.4	915
	15-17	11.5			18.4						19.2	50.9	7.4	915
	18-20	17.6			16.6						15.4	50.5	6.9	905
	21-23	26.0			13.1						11.8	49.1	6.4	900
10	TALS	18.8			15.6						14.9	50.7	6.9	723

SKY COVER

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724240 FT KNOX/GODMAN AAF KY

65-70,75-78

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUEN	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TO*AL
MUNIH	(L.S.T.)	0	1	2	3	4	s	6	7	8	9	10	SKY COVER	NO OF OBS
FEB	00-02	33.2			13.9						8.1	44.7	5.6	761
	03-05	30.4			12.5						8 • 5	48.6	6.0	761
	06-08	19.0			20.3						15.2	45.5	6.5	843
	09-11	13.2			20.9						20.0	45.9	7.0	846
	12-14	12.0			20.3						20.5	47.3	7.2	844
	15-17	12.0			21.9						19.6	46.5	7.1	845
	18-20	16.4			22.0						15.4	46.2	6.7	845
	21-23	26.7			16.4						12.2	44.7	6.1	846
	TALS	20.4			18.5						14.9	46.2	6.5	6591

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

MAR

STATION

STATION NAME

PER OD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SET COVER	OB5
MAR	00-02	30.1			16.3						11.6	42.0	5.7	836
	13-05	27.4			16.2						10.4	46.0	6.0	833
	n6-08	16.8			21.5						12.1	49.6	6.7	92
	39-11	13.4			19.0						19.8	47.7	7.1	930
3	12-14	8.9			20.7						24.0	46.4	7.4	929
	15-17	6.4			22.3						24.2	47.1	7.6	921
	18-20	11.2			23.9						19.5	45.5	7.0	930
	21-23	24.8			22.4						10.4	42.4	5.8	931
101		17.4		-	20.3						16.5	45.8	6.7	724

USAFETAC FORM JUL 64 0-9-5 (OL A) FREYIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

2

724240 FT KNOX/GODMAN AAF KY

65-70,75-78

APR

NOITATE

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	ZEN CONER	NO OF
APR	00-02	33.3			15.0						12.7	39.1	5.5	80
	03-05	30.1			15.3						14.1	40.5	5.8	81
	06-08	18.1			18.6						20.5	42.8	6.7	89
	09-11	14.1			20.7						23.6	41.7	6.9	901
	12-14	9.3			24.1						26.1	40.4	7.1	899
	15-17	8.6			23.8						27.0	40.6	7.2	899
	18-20	13.3			21.9						23.6	41.2	6.9	89
	21-23	26.4			20.5						13.8	39.2	5.8	89
	-					•					-			
10	TALS	19.2			20.0						20.2	40.7	6.5	701

SKY COVER

0

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724240 FT KNOX/GODMAN AAF KY

65-70,75-78

MAY

STATION

PER: OD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL
MONTA	{L S T.}	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
MAY	00-02	34.0			19.3						14.5	32.2	5.1	827
	03-05	28.5			20.9						16.5	34.2	5.5	857
	06-08	19.6			22.5						18.6	39.2	6.3	92
	09-11	15.6			25.6						21.6	37.1	6.4	921
	12-14	9.3			28.0						29.6	33.1	6.8	925
	15-17	9.4			27.1						29.7	33.8	6.9	926
	18-20	13.7			30.9						21.5	33.9	6.3	926
	21-23	26.7			25.9						16 • 2	31.3	5.4	896
TO	TALS	19.6			25.0						21.0	34.4	6.1	7201

SKY COVER

8

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724242 FT KNOX/GODMAN AAF KY

65-70,75-78

JUN

STATION

STATION NAME

PER-OD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL NO OF
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SET COVER	OBS
JUN	00-02	31.8			25.0						17.8	25.4	4.9	897
	03-05	21.8			29.9						19.8	28.6	5.5	891
	76-08	13.0			27.0						25.8	34.2	6.5	889
	09-11	12.0			26.3						25.7	36.0	6.7	892
	12-14	3.2			32.9						34.9	28.9	7.0	896
	15-17	3.6			38.6						31.0	26.9	6.6	900
	18-20	13.6			30.5						27.3	28.5	6.2	894
	21-23	27.0			29.5						19.9	23.6	5.0	893
											+			
TO	TALS	15.8			30.0						25.3	29.0	6.1	7152

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

JUL

STATION

STATION NAME

PER OD

WONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(L,S,T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
JUL	00-02	34.7			29.1						15.7	20.5	4.3	920
	03-05	24.0			34.8						19.1	22.1	5.0	915
	96-08	12.3			33.2						24.3	30.1	6.2	916
	09-11	8.5			34.1						29.7	27.7	6.5	929
	12-14	2.2			38.1						36.9	22.9	6.8	930
	15-17	4.1			38.9						34.6	22.3	6.5	92
	18-20	9.4			41.2						26.1	23.4	5.9	926
	21-23	22.6			36.7						18.8	21.9	5.0	92
10	TALS	14.7			35.8						25.7	23.9	5.8	738

USAFETAC FORM 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

AUG

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SHY COVER	OBS
AUG	00-02	38.3			24.2						16.1	21.4	4.3	92
	03-05	32.0			29.1						17.9	21.0	4.6	92
	06-08	15.9			33.6						23.8	26.7	5.8	92
	1:9-11	12.2			35.1						26.2	26.6	6.1	929
	12-14	2.4			41.5						30.5	25.6	6.6	921
	15-17	4.5			40.0						30.6	24.9	6.4	928
	18-20	12.4			38.9						23.4	25.3	5.8	930
	21-23	27.9			32.2						19.0	21.0	4.8	920
TO	TALS	18.2			34.3						23.4	24.1	5.6	741

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

SEP

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HINOM	HOURS				PERCENTAG	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OES
SEP	00-02	41.6			21.5						11.8	25.1	4.2	883
	03-05	36.1			22.6						13.1	28.2	4.7	872
	76-08	20.2			23.9						21.9	33.9	6.1	875
	09-11	17.6			27.4						22.7	32.3	6.1	891
	12-14	9.7			33.8						26 • 8	29.7	6.4	899
	15-17	12.6			31.1						28.9	27.4	6.3	900
	18-20	24.5			30.4						20.2	24.8	5.2	894
	21-23	35.8			26.4						15.6	22.2	4.4	889
TO	TALS	24.8			27.1						20.1	28.0	5.4	710

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70,75-78

OCT

STATION

STATION NAME

PER: OO

MON?H

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
OCT	00-02	46.2			16.8						11.9	25.1	4.1	927
	03-05	45.6			18.0						8.4	28.0	4.1	928
	06-08	28.2			21.7						18.1	32.0	5.5	927
	79-11	25.1			22.3						19.2	33.3	5.7	927
	12-14	19.9			23.8						23.7	32.6	6.1	929
	15-17	19.3			27.1						23.6	30.0	5.9	929
	18-20	25.9	-		27.4						18.2	28.5	5.3	930
	21-23	39.4			22.6						10.3	27.7	4.4	930
TO	TALS	31.2			22.5						16.7	29.7	5.1	7421

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

724240

FT KNOX/GODMAN AAF KY

65-70,75-78

NOV

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKA COAES	OBS
VON	00-02	26.9			15.0						11.1	47.0	6.1	881
	03-05	28.6			11.8						13.7	45.8	6.2	88
	06-08	15.9			18.0						20.0	46.1	6.9	88
	09-11	12.1			20.9						21.6	45.4	7.1	890
	12-14	12.1			18.2						24.2	45.4	7.3	88
	15-17	11.7			18.1						26.3	43.9	7.3	891
	18-20	15.6			21.6						15.8	47.0	6.8	89
	21-23	24.8			14.8						12.5	48.0	6.4	88
TO	TALS	18.5			17.3						18.2	46.1	6.8	711

SKY COVER

724240

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FT KNOX/GODMAN AAF KY

65-70.75-78

DEC

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	Y OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
DEC	0-02	23.0			16.3						12.7	48.0	6.4	796
	03-05	24.8			15.1				1		11.1	49.1	6.4	79
	76-08	16.1			17.2						14.1	52.6	7.0	874
	79-11	9.0			20.1						18.6	52.4	7.5	911
	12-14	7.6			22.1						18.6	51.6	7.5	917
	15-17	7.1			24.7						19.4	48.7	7.4	911
	16-20	15.8			22.9						13.6	47.7	6.7	79
	21-23	22.6			16.5						12.2	48.7	6.5	78
											Table 1	2042		711
												2717	711	0.1
						_					11111	14.1		19.1
		115			11-11-1						112			1111
to	TALS	15.8			19.4	-					15.0	49.9	6.9	678

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

724240

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0

FT KNOX/GODMAN AAF KY

65-70,75-79

ALL

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	280
JAN	ALL	18.8			15.6						14.9	50.7	6.9	7234
FEB		20.4			18.5						14.9	46.2	6.5	6590
MAR		17.4			20.3						16.5	45.8	6.7	7241
APR		19.2			20.0						20.2	40.7	6.5	7012
MAY		19.6			25.0						21.0	34.4	6.1	7201
אטע		15.8			30.0						25.3	29.0	6.1	7152
JUL		14.7			35.8						25.7	23.9	5 . 8	7386
AUG		18.2			34.3						23.4	24.1	5.6	7415
SEP		24.8			27.1						20.1	28.0	5.4	7103
ост		31.2			22.5						16.7	29.7	5 • 1	7427
NOV		18.5			17.3						18.2	46.1	6.8	7111
DEC		15.8			19.4						15.0	49.9	6.9	6785
TOT	ALS	19.5			23.8						19.3	37.4	6.2	85657



U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperaturesb. Daily minimum temperatures

 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

" Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus vet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of vet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dev-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (\bar{X}) , and standard deviations (σx) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY STATION NAME 72424D

45-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

П	TEMP (°F)	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ANNUAL
≥	100	4					• 1	.6	• 2	. 4				- 1
>	. 73						3.6	5.2	4.6	1.7				1.3
2	90					1.8	17.8	28.0	25.4	9.8	• 3			7.1
≥	85			• 1	2.6	14.4	46.1	65.4	57.1	27.3	3.5			18.4
≥	80			1.4	13.2	37.0	73.8	89.9	83.8	49.9	15.4	. 8		31.0
≥	75	.1	• 2	5.1	25.8	56.9	89.5	97.1	96.0	70.2	32.5	3.2		40.4
≥	70	•6	1.3	12.1	42.0	73.7	96.8	99.5	99.4	87.6	50.4	11.0	• 5	48.6
2	65	3.6	5.3	22.1	59.6	86.7	98.8	100.0	100.0	96.4	66.2	22.3	3.8	56.1
2	60	8.9	13.3	36.9	74.7	95.4	99.7			98.7	80.3	36.6	11.4	63.7
2	55	16.7	23.3	48.6	85.3	98.5	100.0			99.5	90.6	50.7	22.8	70.3
2	50	26.5	36.3	60.9	92.7	99.4				99.9	96.5	66.1	34.2	76.5
2	45	37.4	48.4	73.8	96.5	100.0				100.0	99.5	77.6	49.2	82.3
2	40	52.2	64.0	86.1	99.7						99.9	88.5	63.6	88.1
2	35	64.9	76.4	94.7	99.9						100.C	95.0	79.6	92.7
2	30	79.0	87.2	98.1	100.0							98.4	91.3	96.3
2	25	89.4	94.2	99.6								99.4	96.7	98.3
2	20	94.9	97.9	99.8								99.6	98.7	99.3
>	15	98.2	99.4	100.0								100.0	99.8	99.8
2	10	99.2	99.9										99.9	99.9
2	5	99.9	100.0										100.0	100.0
2	0	100.0												100.0
2														
2		·												
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2														
2		9	-											
2														
>														
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≥														
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2														
2														
	MEAN	40.5	44.3	53.9	66.6	75.1	83.1	86.2	85.3	79.0	65.7	54.5	44.5	65.1
-	S. D.	13.170	12.574	12.703								11.884		19.142
-	TOTAL OBS	1095				1141		1144	1140	1097	1136		1121	13277

USAFETAC JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
724240 FT KNOX/GODMAN AAF KY
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

45-81

MINIMUM

	TEMP (*F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	0.8	1						• 2	. 1			1		• 0
≥	75	0				. 3	2.7	4.8	2.6	. 3				. 9
≥	70				. 1	1.1	17.8	40.6	31.2	10.1	. 4			8.6
<u>></u>	55	fi I			2.5	11.3	50.2	74.0	65.8	28.3	2.7	. 4	8	20.0
≥	60	• 2	• 1	1.9	10.6	33.0	74.8	91.7	86.3	49.4	11.2	1.9	.2	30.7
≥	5.5	1.0	. 4	5.2	24.3	55.2	91.3	98.9	96.8	69.8	23.7	6.9	1.4	40.2
2	50	2.6	2.2	11.8	37.1	74.8	97.8	100.0	99.7	87.5	41.5	13.9	3.7	48.4
≥	45	5.4	6.4	19.2	53.2	87.9	99.6		100.0	96.3	59.8	23.4	8.9	55.7
2	40	10.9	12.9	32.8	72.2	95.9	99.9			99.5	79.5	37.6	16.1	63.8
≥	35	20.2	26.5	49.3	89.6	99.5	100.0			100.0	92.0	56.2	28.4	72.4
>	33	24.9	32.0	58 . 1	93.5	99.8					95.5	66.6	35.2	76.0
≥	30	37.2	44.5	70.9	97.8	100.0					98.2	78.6	46.9	81.6
>	25	54.6	62.6	86 - 4	100.0						99.9	90.3	68.2	88.8
>	20	68.8	76.6	94.6							100 . G	96.8	83.4	93.5
2	15	80.4	85.2	98.4	1							98.6	91.6	95.3
<u>></u>	10	88.3	91.9	99.2								99.6	96.0	98.0
>	5	93.2	96.4	99.7								99.8	97.8	98.9
2	0	96.6	98.9	99.8								99.9	99.2	99.5
>	-5	98.6	99.9	100.0								100.0	100.0	99.9
2	-10	99.5											9	99.9
≥	-15	99.9											1	100.0
>	-20	100.0	100.0										8	100.0
>													1	
2												1	1	
≥													1	
>														
2														
2														
≥													N.	
2													1	
>													- 6	
2														
>														
2														
>		1							- 100					
	MEAN	24.8	27.1	35.5	46.3	54.9	63.6	67.4	66.1	59.1	47.4	37.2	29.0	46.5
	S. D.	12.759										0.461		17.632
_	TOTAL OBS.	1095	1006		1055	1141	1110	1144	1140	1097	1136		1121	13277

USAFETAC TORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC

DAILY TEMPERATURES

AIR WEATHER SERVICE/MAC

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

45-81 YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

1	EMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
2	90							• 1					1	
<u> </u>	85	ii .					2.1	3.9	1.9	• 5				•
2	8.5	H .				. 8	15.8	29.4	25.5	7.5	• 2			6.
<u> </u>	75	1			1.8	10.9	48.3	73.3	63.1	27.2	2.1		5	19.
2	70			. 7	10.5	31.7	75.3	93.6	88.8	49.3	9.2	. 9	*	30.0
<u> </u>	65	• 2	• 1	4.6	23.4	57.6	92.1	99.0	97.7	72.9	26.8	4.5	• 2	40.1
<u> </u>	60	1.2	. 6	11.3	40.3	76.5	98.2	100.0	99.9	90.1	46.7	10.5	1.4	48.
2	55	3.7	5.2	20.5	56.7	89.1	99.7		100.0	96.6	64.1	21.7	5.4	56.
2	5.0	9.0	12.4	34.0	75.6	97.3	100.0			99.7	81.8	36.6	12.7	63.
2	45	17.4	22.3	49.9	88.6	99.4				100.0	94.4	54.9	23.6	71.
2	4 C	28.5	38.4	64.8	96.8	100.0					98.7	71.9	39.3	78.
>	35	44.9	57.6	82.2	99.8						99.9	87.0	58 - 1	86.
2	30	62.2	71.4	93.1	100.0				1		100.0	94.4	76.3	91.
2	25	76.C	83.7	97.5								98.3	89.2	95.
<u> </u>	20	86.5	91.5	99.2								99.2	95.2	97.
2	15	92.1	95.7	99.6								99.8	97.6	98.1
>	10	96.8	98.8	100.0									99.4	99.
>	5	98.5	99.9									100.0	99.9	99.
>	0	99.6										-	100.0	100.
>	-5	100.0	100.0											100.0
2													li li	
2													1	
>		ii .												
>														
>		1												
2													-	
2														
>		1	-											
2													1	
>												-	1	
2		1												
2														
2		1												
<u> </u>														
2														
	MEAN	32.8	35.9	44.9	56.6	65.2	73.6	77.0	75.8	69.2	58.2	46.0	37.0	56.
	5 D	12.336						1			8.802		- 17	18.05
70	OTAL OBS	1095		-	1085				1140	1097	1136		1121	1327

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

72424 FT KNOX/GODMAN AAF KY 45-81
STATION NAME

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WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	ОСТ	NOV	DEC	ALL MONTHS
45		1	84	83	89	95	97	99	95	81	80	59	
45	72	63		86	82	94	95	92.*	92	8.5	80	68	
47	69	60	6.8	80	88	92	93	98	95	87	65	63	98
48	61	72	80	85	86	95	97	98	92	79	74	66	98
49	70	68	77	79	92	9 5	96	95	88	85	76	68	96
50	7.5	66	72	82	91	92	8 9	8.8	86	8.5	81	69	9:
51	67	69	69	86	91	97	93	96	93	89	68	71	9
52	6.8	66	80	8 9	90	98	104	97	93	89	76	65	10
53	64	62	73	81	93	100	99	100	101	89	74	68	10:
54	60	71	71	85	91	99	104	97	102	90	74	60	104
5.5	63	68	76	87	88	90	96	95	95	63	80	65	96
56	60	64	76	84	89	93	96	9 5	94	8.5	77:	69	96
57	55	58	74	86	88	93	93	96	97	79	68	63	9
58	52	6.5	56	8 3	87	91	92	94	90	81	80	601	99
59	67	68	78	84	92	93	95	93	90	90	78	65	95
63	68	62	77	87	86	94	92	95	95	84	74	64	95
61	58	69	74	79	83	9.2	93	93	91	84	83	68	93
62	66	78	77	86	90	90	92	101	91	84	67	66	101
63	62	60	80	86	91	97	95	96	90	8 9	71	58	91
64	66	5.5	71	79	88	92	93	98	94	78	73	67	98
6.5	63	67	67	86	89	90	97	98	90	83	73	66	98
66	62	63	75	77	8.5	93	97	89	8.8	76	69	65	97
67	70	66	81	83	87	96	8.5	8 5	8.5	8 5	63	70	96
68	60	61	78	82	85	92	93	94	87	82	80	57	94
69	58	57	74	81*	88	92*	96	93	87	8.5	6.5	55	* 96
70	66	63	67	86	88	90	95*	94	91	81	71	72	* 96 95
7 2	63	70	75	83	85	9.5	92	92	87	86	79	70	95
72	70	78	79	82	87	90	94	95	93	76	77 *	65	95
73	* 65	63	76*	78	83	90	94*	95	95*	87*			e 95
74	* 66	68	81+	82*	86	89	91	90	86	80	81*	63	9:
MEAN						10000							
5. D													
TOTAL OBS													

NOTES + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) AT LEAST ONE DAY LESS THAN 24 0851

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724249 FT KNOX/GODMAN AAF KY
STATION NAME

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45-81

VE + 05

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB		AAR,	APR	MAY	MUL	JUL	AUG	SEP.	ост.	NOV.	DEC.	MONTHS
75	* 7	2 (4	76.	84	90	89	93	91'	92	851	78	69	9
76	* 5	9	74	82	86	84	8.8	96	90,	84	79	61	62	9
77	* 4	0	71	82	85	88	91	95	92	92	79	76≝	61	9
78	* 6	1	88	82	8.3	89	95	94	93	91	8.3	78	63	9
79	* 4	6 6	3	76	78	85	89	87	93	87	82	691	64	9
80	* 5	7, 9	5 7	63	84	84	95	100	96	941	86	76	67	10
81	* 6	3 tk	70	85	8 3 H	81	8 9 1	92	90	84#	80	75	60	+ 9
			+											
				. 1										
			-											
MEAN	64.			5.2	83.4	87.8	92.8	94.5	94.2	91.3	83.5	73.9	65.1	97.
S. D.	5.01						3.041	3.822	3.546					3.08
TOTAL OBS	109		5 *	106	1085	1141	1110	1144	1140	1097	1136	1096	11211	1327

USAF ETAC JULIA 0-88-5 (OLA) H (AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY 45-81
STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	MONTHS
45		1000	27	30	35	43	56	53	52	33	22	3	
46	8*	8	*	34	42	46	58	48	41	36	24	17	
47	10	3	6	32	35	51	50	66	41	38	15	20	
48	-1	8	15	33	46	50	55	52	50	26	25	7	-:
49	8	10	16	33	43	56	62	55	36	35	20	15	
5.0	22	11	14	27	44	5.0	58	51	37	40	-2	8	-:
51	7	-17	22	29	42	54	56	58	40	34	12	1	-1
52	7	25	21	34	43	57	57	55	46	26	19	18	
53	19	16	25	29	47	55	58	57	46	3.3	22	3	
54	0	19	17	28	34	48	60	56	46	29	22	19	1
55	5	3	12	30	46	48	68	54	50	31	10	7	
56	13	19	23	29	43	42	58	50	42	37	17	22	1
57	3	20	21	28	35	58	59	56	47	30	22	5	
58	10	-5	25	31	38	52	64	5.3	47	34	10	3	- 1
59	-4	12	22	35	39	5.3	58	61	47	33	12	22	-4
50	1.3	14	-3	27	36	51	59	62	52	31	23	-3	-
61	-5	9	28	27	37	50	57	57	44	30	20	3	
62	-7	5	17	28	49	54	51	54	42	25	27	-5	-
6.3	-18	-2	25	32	32	54	54	56	37	32	25	-5	-15
54	3	11	17	26	43	47	55	46	40	28	9	2	
65	-9	-4	17	32	45	5.5	56	47	37	30	18	19	-9
66	-12	1	14	26	30	39	5.5	52	41	31	17	9	-17
67	4	-5	15	35	35	54	51	50	37	31	21	11	
68	-2	4	16	36	34	48	52	50	47	28	23	10	-:
69	3	17	13	36*	40	45*	61	57	46	29	18	19	
70	-6	-2	17	32	40	55	57*	56	44	32	12	12	-6
71	5	-2	21	30	36	58	55	57	48	39	21	15	-2
72	-8	6	20	25	42	43	53	54	44	29*	22*	7	-8
73	* 10	9	29*	29	39	55	59m	55*	45*	36*	26*	11	9
74	* 16*	130	18*	31*	39	52	57	57	39	29	25*	19	* 13
MEAN													-
D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 44 0-88-5 (OLA) A (AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

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C

724240 FT KNOX/GODMAN AAF KY
STATION NAME

45-81

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	i.	FEB.	MAR	APR.	MAY	JUN,	JUL	AUG.	SEP.	OCT.	NOV.	DEC	MON	L THS
75	ė	10	14	18	26	46	52	55	59	41	34	* 24	• 10		1
76	de	- 3	5	24	31	34	53	56	5.5	40	25	5			-
77	w -	14	2	19	33	39	48	60	57	50	33			*	-1
78	*	-3	1	1	36	34	5.2	59	58	50	33	2.8	15		
79	*	-3	1	15	28	37	51	55	54	47	31	25			-
80	x0x	13	6	5	33	36	47	59	65	* 50°	31	* 26	• 13		-
81	xit .	4*	2	27	36	* 42	56	* 58	56	43	21	* 26	* 11	*	3
MEAN		• 5	6.5	17.7	30.7	39.3				44.0	31.6		9.5		-2.
5. D.	9.3	the same of the sa	8.906						4.481			6.847			.42
TOTAL OBS	10	95	1006	1106	SED ON	1141	1110			1097	1136	1096	1121	1	327

FORM 0-88-5 (OLA) H (AT LEAST ONE DAY LESS THAN 24 OBS) USAF ETAC

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/SODMAN AAF KY 65-70,76-79 MONTH PAGE 1 0000 - 0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point MA / 65 41 63 2/ 61 .2 4 1/ 59 501 57 1 2 .5 6 . 1 . 1 6 .2 5.1.55 . 8 17. . 7 4/ 53 . 2 . 2 18 6 . 7 A. 15 2/ 51 A. 51/ 49 . 7 . 5 11 7 9 4 / 47 .7 .5 11. 11 4 / 45 . 7 . 1 9 9 0 3 -4/ 43 . 9 16 16 .6 42/ 41 1.6 . 9 .5 38 38 19 14 - 9 40/ 39 2.6 3.7. 37. 23 3 1 37 1.2 .8 37 20 . 3 21 21 ./ 35 25 25 19 24 1.8 34/ 33 2.3 1.7 38 38 36 27 32/ 31. .2 3.3 1.8 49 49 36 28 31/ 29 .1 2.8 2.8 51 52 45 38 21/ 27 .7. 6.4 2.1 57. 20/ 25 99 .8 5.1 1.4 64 64 30 24/ 23 3.3 .9 36 36 63 37 2/ 21 43 57 .3 3.8 .3 40 43 37. 74 / 19 16 4.2 .6 47. 49 12/ 17 .5 6.6 67 67 61 56 11/ 15 .1 3.3 .3 26 52 14/ 13 .1 2.3 .2 23 23 8 .3 1.4 16 23 .2 0.26.5 (OL .1 2.4 24 24 18 41 23 1 1.4 13 14 .2 1.5 15 15 14 2: 1 1.9 18 23 4/ 18 .1 1.1 2.2 11 11 1 Element (X) ZX No. Obs. Mean No. of Hours with Temperature Rel. Hum. * 67 F • 73 F • 80 F Total ± 32 F ≥ 93 F 2 0 F Dry Bulb Wet Bulb Dew Peint

(SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMI USAFETAC AIP WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.76-79 YEARS BODD-PAGE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb De - / -3 .3 .5 8 -4/ -5 5 5 5 -01 -7 .6 -1 -9 -10/-11 1 1 • 1 -1/-13 -14/-15 .. 2 -10/-17 -1/-19 - 21-23 -24/-25 7.866.318.3 3.3 3.6 .7 885 885 Montre 0 0 0 0 0.26-5 (OL 1 2 ZX No. Obs. Mean No. of Hours with Temperature ZX' Element (X) X *x USAFETAC +67 F +73 F +80 F +93 F 64661 23415 73.111.966 26.314.086 Rel. Hum. 4850923 8.65 10 F 1 32 F 66.0 70.9 77.1 791919 891 3.8 Dry Bulb 24.213.304 885 Wet Bulb 675235 21427 4.2 18.614.993 885 10.9 Dew Point 504320 16446

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMA** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,76-79 MAL YEARS PAGE 1 0300-0 HOURS IL. S. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7.8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wet Bulb Den / 1 59 . 2 . 3 . 2 1 57 5:/ 55 . 3 . 3 .7 .6 4/ 53 11 1 . / 51 . 2 . 6 5 / 49 . 5 . 6 .1 9 / 47 1.0 13 . 3 13 4 / 45 . 3 8 44/ 43 12 12 8 . 3 42/ 41 2.5 34 34 17. 4 / 39 3.1 . 3 . 5 . 3 37 37 34 3 / 37 20 20 29 1.8 31/ 35 1.8 1.0 30 30 23 . 6 33 2.3 1.5 41 41 . 8 . 9 32/ 31 3.2 40 33 . 5 .2 4.2 1.7 54 54 50 27 . 4 4.3 1.4 55 57 61 ? 1 25 .4 6.6 71 72 63 74 .5 4.2 1.0 50 50 24/ 23 .5 3.4 2/ 21 37 37 49 . 3 48 40 2 / 19 4 . 4 .5 3.6 18/ 17 37 46 36 .9 3.2 1 / 15 37 38 41 . 1 36 14/ 13 .3 3.3 34 1./ 11 .6 2.9 32 32 32 .1 1.2 27 23 20 . 1 2.5 23 8 .8 2.3 27 13 . 2 . 8 Š 1.7 1 -1 1.0 21 18 . 6 1 -7 No. Ohs. Mean No. of Hours with Temperature Element (X) ¥ • 67 F • 73 F . 80 F • 93 F Dry Bulb Wet Bulb Dow Point

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() GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMA USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY 65-70,76-79 HONTH YEARS 0300-0 Hours (L. 5 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

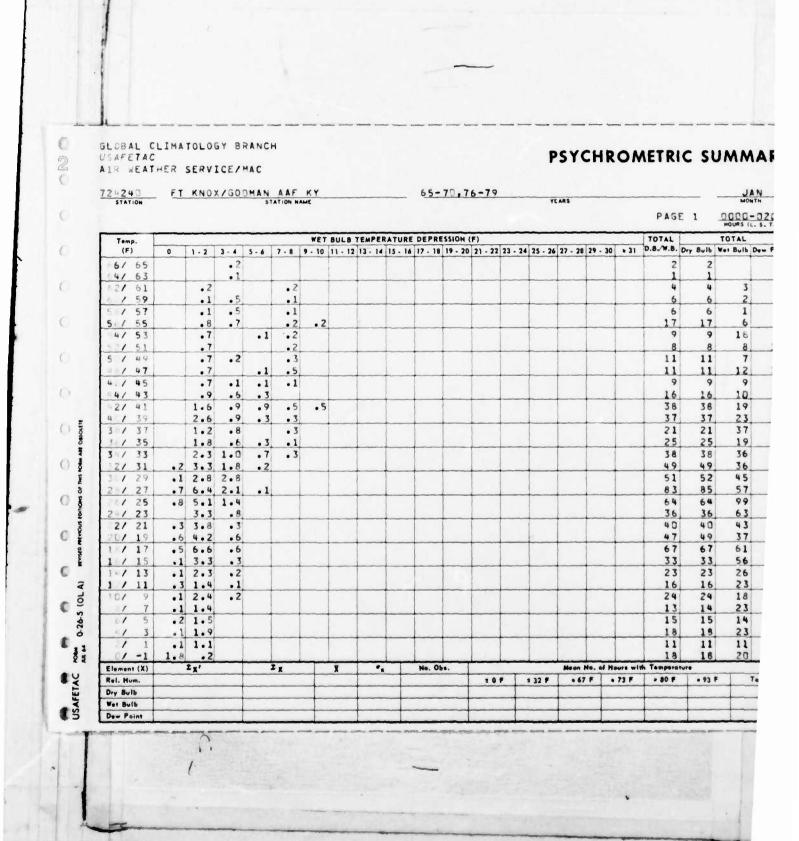
1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 0 - 31 | 0.8./W.B. Dry Bulb | Wet Bulb | Dev (F) - / -9 0/-11 1 /-13 3 3 • 3 1-/-15 -/-19 2/-21 0/-25 891 OTAL 11.869.012.9 3.8 2.1 885 885 0 0 0 0.26-5 75.111.472 No. Obe. Meen No. of Hours with Temperature Element (X) ZXI USAFETAC 66433 5103163 Rel. Hum. 885 10F s 32 F • 67 F • 73 F 5.2 66.8 Dry Bulb 735877 22175 24.914.378 891 23.113.638 635993 20429 5.9 71.9 885 Wer Buth 15845 11.9 77.6 Dow Point 488175 885

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM 2 USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,76-79 YEARS 0 PAGE 1 MOURS IL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 41/59 . 3 3 1 57 0 51/ 55 . 1 9 .6 4/ 53 .2 8 52/ 51 .6 . 4 • 1 13 13 13 50/ 49 .7 .6 10 14 14 4 / 47 . 7 . 4 • 3 13 13 11 41/ 45 1.2 . 3 15 14 14 17 44/ 43 1.0 .6 15 • 1 15 42/ 41 2.6 .7 34 34 20 . 3 40/ 39 .1 1.8 . 2 24 29 24 301 37 . 3 1.1 .7 22 22 18 7.1 35 2.6 . 7 30 30 13 3 .. / .2 2.7 1.2 33 42 42 46 2/ 31 .4 3.2 1.1 43 43 39 30/ 29 .1 5.0 1.1 56 .2 3.4 2 / 27 . 8 40 40 63 .2 5.4 . 9 59 60 46 24/ 23 .4 4.6 1.3 57 62 22/ 21 .9 4.2 1.0 55 55 73 / 19 .7 3.8 . 2 42 43 43 1 / 17 . 7 4 . 4 47 49 51 .4 2.4 1: / 15 27 27 38 • 1 0 13 • 3 3.C 30 23 3.1 12/ 11 39 39 36 2.1 22 . 2 1.0 11 11 17 5 .9 2.2 0-26-5 (OLA) 28 28 3 .6 1.7 20 20 20 1.8 24 25 -1 11 • 3 11 11 -21 -3 . 2 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 2 0 F # 32 F 2 67 F Dry Bulb Wet Bulb Dew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMA USAFETAC AIF WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,76-79 YEARS STATION NAME 0600-E PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.S. Dry Bulb Wet Bulb D. 5 5 <u> 23456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012</u> 888888888 55555555555 0000 88866 00000000 55555555555 coocpooo 888888 вевврваврав BB 88 000 000 55 000 000 88 EB 88 doc odeco 55 000 coopo 88 55 00 pe bo 00 00 00 88 BR 88 888888888 00 Op DO 555555555 00 ob bo 58888 888888888 00 00 DO 5555555555 00 00 DO 8888888 00 00 00 00 bo bo 88 55 888 BB 88 0000 200 55 0000 003 88 000 55 88 98 opa 000 and 888 00000000 00000000 555555555 B888888888 8888888 вавававава 0000 5555555 0000 888888 0 0 3 100 0.26.5 100 8x' # UNIVACZALOU TIME/SHARING EXECON -- MULTI-PROCESSER NEVEREN WITH TORRESTED 36R2Dec Element (39) USAFETAC Dry Bulb Wer Bulb Daw Peint

0 **PSYCHROMETRIC SUMM** STATION YEARS 0 TempUNID ** B05088 USEPWEY BULLS TEMPERATURE DEPRESSION (FDADT NUMBER * TO THOUGH DEVICETOFAER (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 *31 D.B./W.B. Dry Bulls Wet Bulls C 0 FILE NAME & LSTFILS CREATED AT: 17:47:58 JUL 06,1982 23456789 1234567899123456789912345678991234567890123456789012345678901234567890123456789012 0-26-5 (OL A) 10 M Zx ZX Ne. Obe. Element (X) ¥ Mean No. of Hours with Temperature USAFETAC Ref. Hum. 5 0 F 1 32 F . 67 F . 73 F . 93 F Dry Bulb Wet Bulb Dew Point

PSYCHROMETRIC SUMMA STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ⇒ 31 D.8./W.B. Dry Bulb Wet Bulb De HORM 0-26-5 (OLA) No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. s 32 F Dry Bulb Wat Bulb Dew Point



GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMA USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,76-79 0000-0 HOURS IL. S PASE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wer Bulb De-• 5 • 3 -4/ -5 .1 • 6 5 5 5 - 1 -9 . 2 10/-11 • 1 1 1 1 1 7-13 14/-15 -1//-17 -1-/-19 21-23 -21.1-25 CTAL 7.866.318.3 3.3 3.6 891 885 885 0.26-5 (OL No as Mean No. of Hours with Temperature No. Obs. USAFETAC 73.111.966 26.314.086 24.213.304 18.614.993 4850923 64661 885 +67 F +73 F +80 F +93 F Rel. Hum. 10F 1 32 F 23415 66.0 70.9 3.8 791915 891 Dry Bulb 675235 885 4.2 Wet Bulb 16445 504320 885 Dew Peint

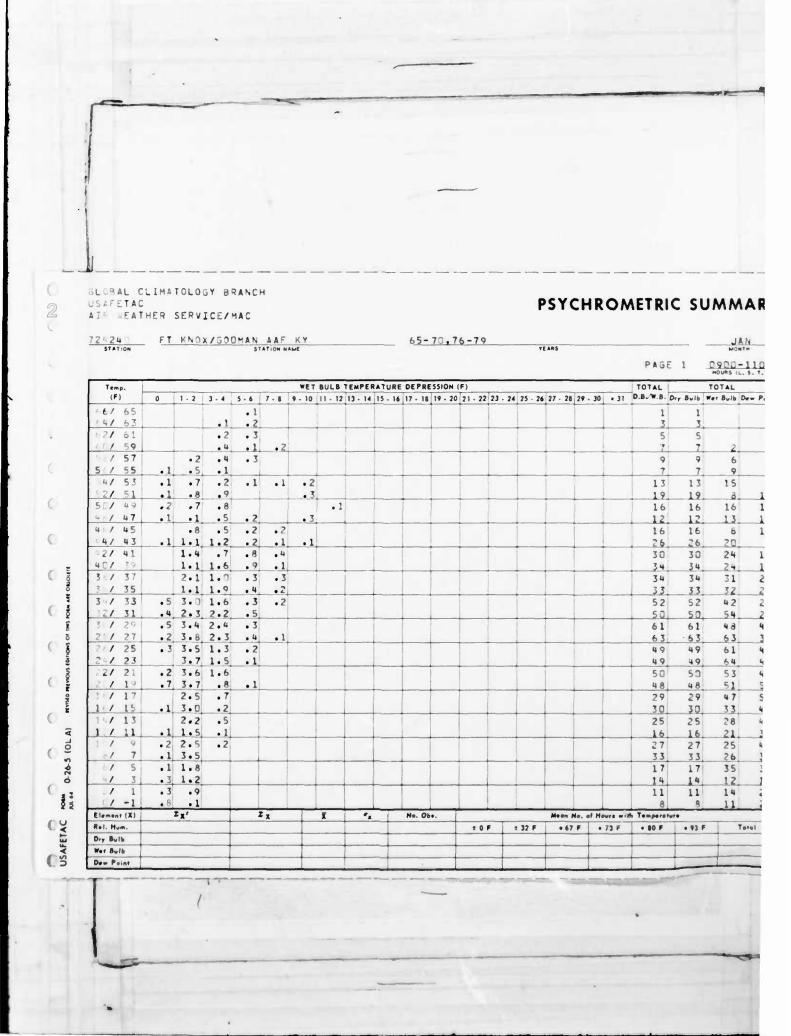
(GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMAI** USAFETAC AIP MEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,76-79 JAN 0300-05 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bully Wer Bulls Down 1 1 / 59 . 2 • 3 1 57 . 5 5: / 55 • 3 • 3 7 7 7 • 1 4/ 53 . 7 8 42/ 51 • 2 11 5 / 49 .5 .5 .6 13 4 / 47 1.0 . 3 13 13 4 4 1 45 . 3 8 13 •1 8 44/ 43 .7 .7 12 12 8 42/ 41 2.5 _ 3 17 34 4 / 39 3.1 • 5 • 3 34 37 37 • 3 3-1 37 1.8 20 35 1.8 1.0 . 6 30 30 23 3 / 33 41 2.3 1.5 41 12/ 31 3.2 . 9 40 40 33 .2 4.2 1.7 54 54 50 21/ 27 .6 4.3 1.4 57 55 61 0 .9 6.6 24 / 25 71 72 63 .5 4.2 1.0 2 / 23 50 50 74 2/ 21 . 5 3 . 4 37 37 49 0 .7 4 . 4 40 1./ 17 .5 3.6 37 46 36 16/ 15 . 9 3 . 2 37 38 41 0 14/ 13 . 3 3 . 3 36 1 / 11 .6 2.9 32 32 32 10/ .3 1.2 0 .1 2.5 23 23 20 21 .8 2.3 27 . 8 13 00 .2 1.7 17 17 0.26.5 0/ -1 1.7 1.0 24 24 21 -// -3 -4/ -5 . 8 9 18 . 6 5 --/ -7 Element (X) Mean No. of Hours with Temperature Tet . 67 F . 73 F . 80 F Rol. Hum. 1 0 F 1 32 F • 93 F Dry Bulb Wet Builb

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMA USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY
STATION NAME 65-70,76-79 YEARS STATION 0 0300-05 HOURS (L. S.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B./W.B. Dry Bulb Wet Bulb Dew Temp. --1 -9 /-11 -1 /-13 . 3 -1 -/-15 .1 /-19 1-21 2/-23 -24/-25 TOTAL 11.869.012.9 3.8 2.1 891 885 885 0 8 9 0 0.26-5 0 MOR. Element (X) 75.111.472 No. Obs. Mean No. of Hours with Temperature 5103163 66433 885 Rel. Hum. 10F 1 32 F •67 F •73 F =80 F •93 F 22175 24.914.378 5.2 66.8 735877 891 Dry Bulb Wet Bulb 635993 885 15845 488175 17.915.209 885 11.9 77.6 Dew Peint

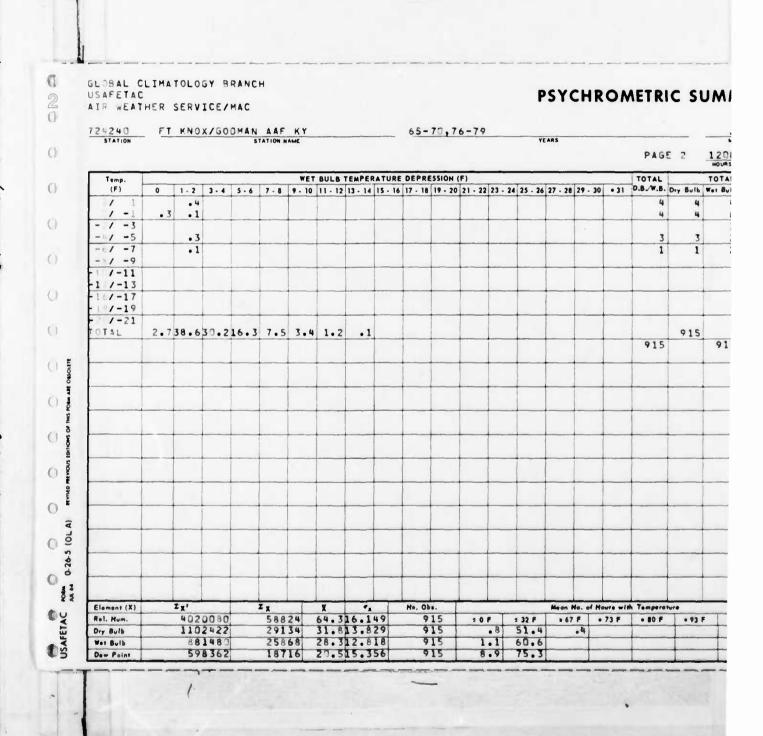
GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMA** USAFETAC AIF REATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,76-79 JAN 0600-01 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dew . 3 3 3 E/ 57 50/ 55 . 1 9 .2 .6 4/ 53 3 -2/ 51 . 6 . 4 . 1 13 13 13 5 / 49 .7 14 10 41./ 47 . 7 . 4 . 3 13 13 11 41/45 1.2 0 =4/ 43 . 6 15 1.0 . 1 15 17 42/ 41 2.6 34 20 4 / 39 .1 1.8 . 2 • 3 . 2 24 24 29 0 3-1-37 . 3 1 . 1 22 18 22 . 7 7 / 35 2.6 . 1 30 30 13 34/ 33 .2 2.7 1.2 42 42 46 72/ 31 .4 3.2 1.1 43 43 39 30/ 29 .1 5.0 1.1 56 56 42 .2 3.4 . 8 40 43 63 1 25 .9 59 .2 5.4 60 46 21/ 23 .4 4.6 1.3 57 59 62 73 22/ 21 .9 4.2 1.0 55 55 .7 3.8 20/ 19 . 2 42 43 43 18/ 17 .7 4 . 4 47 49 51 16/ 15 .4 2.4 27 27 38 . 1 13 .3 3.0 30 30 23 12/ 11 .9 3.1 39 39 • 3 36 35 10/ .3 2.1 22 22 -1 .2 1.0 11 11 17 .9 2.2 B 28 28 28 3 41 .6 1.7 28 20 23 õ .9 1.8 24 25 _/ -1 . 9 11 • 3 11 11 - 1 -3 19 20 -5 . 3 .2 Element (X) ZX Ne. Obe. Mean No. of Hours with Temperature Rel. Hum. + 67 F + 73 F 10F 1 32 F Dry Bulb Wer Bulb De- Paint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,76-79 YEARS C 0600-PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.8 - W.8 - Dry Bulb Wer Bulb D (F) -=/ -9 5 • 6 10/-11 12/-13 1 . 1 1 1 -14/-15 • 3 3 -10/-17 18/-19 0/-21 2/-23 -24/-25 OTAL 13.568.614.2 2.2 1.3 907 901 901 8 0 0-26-5 NOW NA 76.410.906 Element (X) ZX No. Obe. Mean Ha, of Houre with Temperature 68814 22077 Rel. Hum. 5362718 901 2 67 F 2 73 F - 80 F - 93 F 2 0 F 3 32 F 24.314.671 22.714.024 17.815.626 907 67.4 732379 5.2 Dry Bulb 20463 Wet Bulb 641747 901 5.6 71.7 506209 16065 901 13.8 77.6 Dew Point



SLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMN AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY 65-70,76-79 YF ARS PAGE 2 0900 HOURS TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B. W.B. Dry Bulb Wet Bulb 5 5 -11 -3 .3 .2 -4/ -5 -6/ -7 . 2 4 5 5 . 3 .2 -01 -9 10/-11 • 1 1 1 12/-13 . 1 -14/-15 16/-17 11/-19 0/-21 2/-23 7.057.326.1 6.3 2.1 1.0 914 OTAL 914 914 9 0.26-5 100 71.613.421 No. Obs. Mean No. of Hours with Temperature ZX Element (X) USAFETAC 55425 4847629 914 20F + 67 F + 73 F + 80 F Rel. Hum. 1 32 F • 93 F 60.7 25158 914 Dry Bulb 879734 27.514.321 3.0 67.6 914 747785 23723 25.213.559 Wet Bulb 17542 19.215.574 75.4 558118 11.5 Dew Point 3 1

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMN AIR "EATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,76-79 1200 HOURS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.8./W.8. Dry Bulb Wer Bulb 7 / 69 1 681 67 6/ 65 • 2 . 1 5 5 4/ 63 6 .2 621 61 1 3 3 • 1 1 59 . 7 10 5 / 57 .7 • 3 15 . 1 15 6 51 55 1.0 17 17 94/ 53 . 5 . 3 . 1 . 5 . 1 20 20 20 2/ 51 .2 15 15 14 5 / 49 • 5 . 1 • 3 . 5 • 3 . 3 20 20 3 . 2 4 / 47 • 3 18 18 4. / 45 1.4 • 3 . 4 1.0 . 2 35 35 25 14/ 43 . 9 .5 1.1 33 -2/ 41 .8 1.4 . 9 19 34 34 40/ 39 1.4 1.0 .4 1.0 35 35 32 3=/ 37 .1 1.3 1.1 2.5 48 35 1.6 2.1 1.0 47 47 41 34/ 33 .3 1.2 1.9 • 5 44 44 59 2/ 31 .7 2.4 1.9 1.6 63 63 .2 2.4 3.5 1.6 49 30/ 29 72 72 27 .1 3.1 1.3 1.1 51 55 2-/ 25 2.5 3.5 . 9 63 63 81 24/ 23 2.1 2.0 42 42 2/ 21 .1 1.2 2.1 . 1 32 61 20/ 19 .3 1.6 28 28 4 15/ 17 31 2.3 1.0 33 30 1 . 7 23 23 1.3 1.3 101 14/ 13 24 24 2! 15 1./ 11 1.1 .5 15 0.26-5 10/ 2.0 23 .1 1.4 1 5 . 9 10 10 MOR. ZX No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC Rol. Hum. +67 F +73 F +80 F Dry Bulb Wet Bulb



GLOBAL CLIMATCLOGY BRANCH PSYCHROMETRIC SUMA USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,76-79 PAGE 1 1500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 D.B./W.B. Dry Bulb Wet Bull 7 / 69 1 1 . 1 61 67 66/ 65 . 2 . 2 5 5 . 1 64/ 63 6 62/ 61 . 3 . 2 6 6 13 13. 1.2 51 57 14 . 1 .1 18 18 56/ 55 .1 54/ 53 . 4 11 . 2 . 1 51 .1 . 4 13 13 5 / 49 22 22 48/ 47 . 3 14 . 3 31 31 . 3 46/ 45 1.0 . 1 . 3 . 9 . 1 27 27 21 44/ 43 .8 2 26 26 42/ 41 .4 1.4 1.1 1.1 41 1 41 4 / 39 1.3 1.2 1.3 1.0 44 35 38/ 37 35 .2 .9 1.5 .5 2.1 1.1 30/ 35 41 43 33 .2 2.1 1.8 .9 1.0 54 54 3.3 3.4 1.3 . 4 85 2/ 31 85 .3 2.1 2.8 1.8 30/ 29 64 64 201 27 2.5 2.5 2.1 65 65 20/ 25 51 51 . 8 24/ 23 1.9 2.4 43 43 .9 1.8 32 32 22/ 21 . 7 1.4 27 27 18/ 17 .3 1.1 1.9 30 30 29 29 1.6 1.5 16/ 15 0.26-5 (OL 14/ 13 . 5 11 11 1.3 12/ 11 16 16 10/ .1 1.1 13 13 1.0 10 10 61 1.1 10 10 No. Obe. Mean No. of Hours with Temperature Element (X) SAFETAC

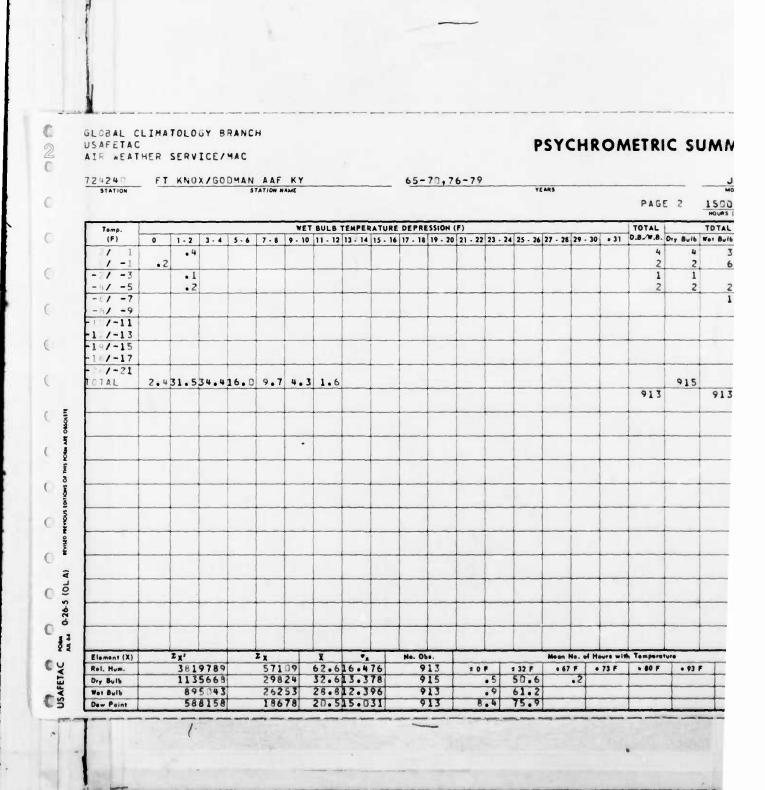
Ref. Hum.

Dry Bulb Wet Bulb Dow Point .67 F .73 F .80 F

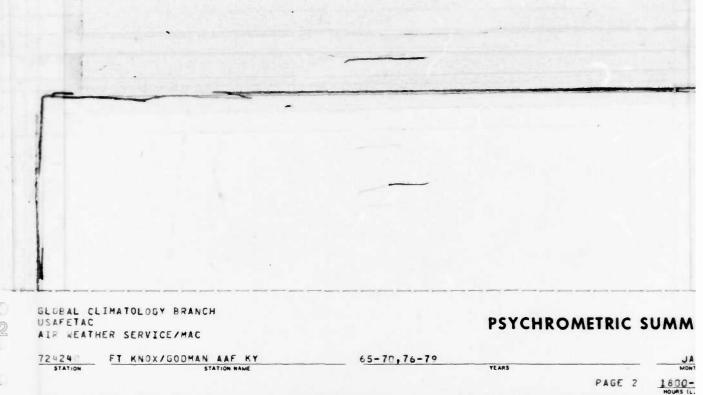
10F

1 32 F

• 93 F



GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMN AIR WEATHER SERVICE/MAC 72424 1 FT KNOX/GODMAN AAF KY 65-70.76-79 PAGE 1 1800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 e 31 D.B./W.B. Dry Bulb Wet Bulb 3 44/ 63 . 1 . 9 12/ 61 59 . 3 • 1 8 8 3 / 57 6 51/ 55 . 9 . 9 . 1 . 1 21 21 19 64/ 53 . 9 16 16 16 2/ 51 . 2 13 13 15 .8 4 • 1 • 3 . 1 13 13 4 / 45 . 4 . 3 20 20 25 44/ 43 1.2 . 4 . 4 . 1 . 4 24 24 1.0 . 3 42/ 41 1.0 1.2 43 43 39 40/ . 9 31 23 1.1 . 8 31 .1 1.1 1.4 37 37 27 351 35 .8 2.3 39 37 33 42 41 12/ 31 .3 3.3 3.9 1.4 82 82 36/ 29 2.7 3.5 1.0 65 65 65 .1 3.9 2.8 . 8 68 68 6: 3.1 2.3 1 25 51 51 8 24/ 23 2.8 3.0 53 53 6: 22/ 21 . 3 1 . 8 47 47 3 . 1 2.4 2.2 42 42 19 18/ 17 2.2 1.4 33 33 3 15 2.1 1.1 29 29 2 13 1.1 18 1./ 11 .1 1.4 . 2 16 16 1 . 7 16 9 8/ . 8 1.6 0-26-5 (1.2 11 11 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb



WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W. Bulb Wer Bulb C (F) -6/ -5 -1/ -7 -1/ -9 1 .2 10/-11 -1./-13 16/-17 22/-23 OTAL 2.244.635.711.4 4.2 1.9 905 902 902 X 66.814.177 ZX No. Obs. Mean No. of Hours with Temperature Element (X) ZX1 60270 4208224 902 s 32 F 58 • 5 Ref. Hum. 27091 29.913.229 Dry Bulb 969163 905 1.1 26.912.501 793563 24265 902 1.2 66.5 Wet Bulb 551548 17830 19.814.865 902 76.4 9.3 Dew Point

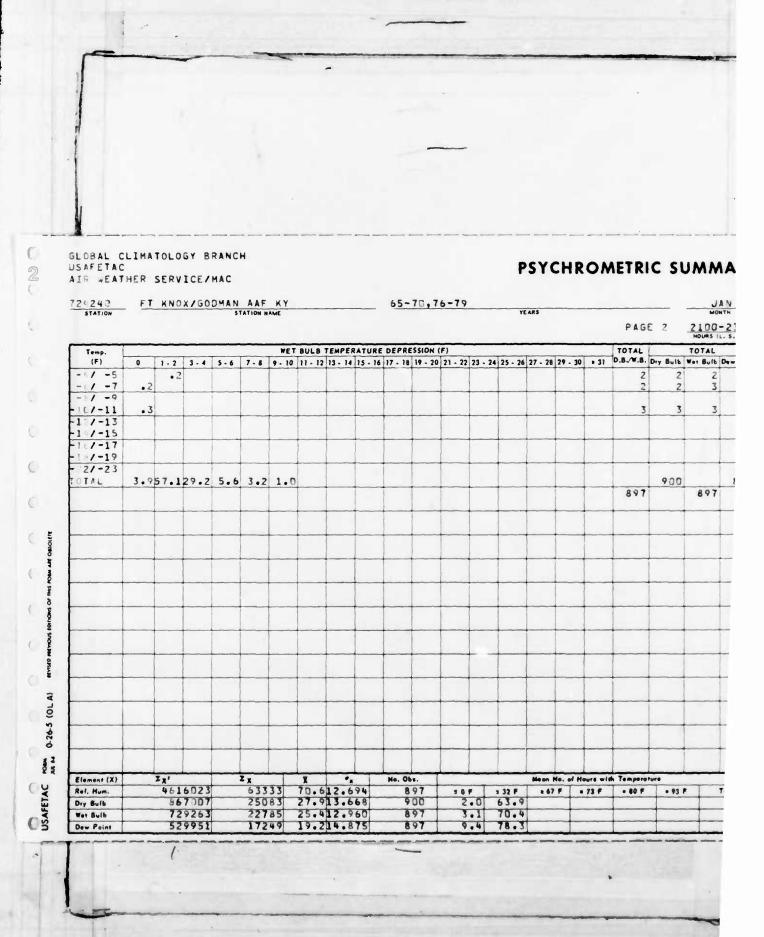
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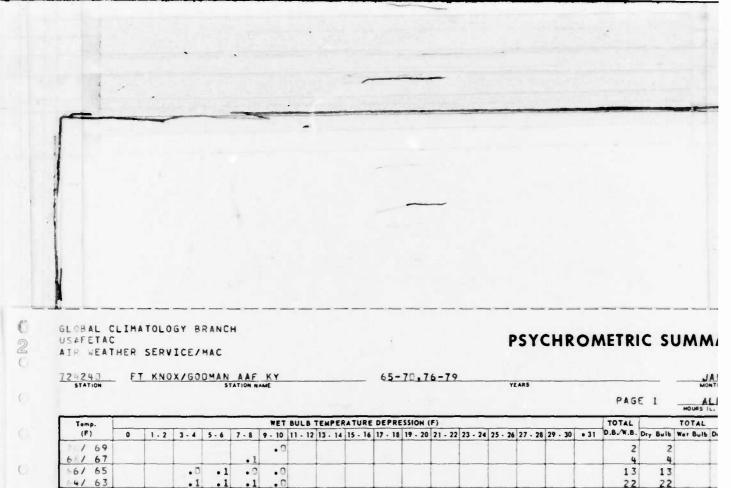
10 17

USAFETAC

GLOBAL CLIMATOLOGY BRANCH USAFETIC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMM** 2 FT KNOX/GODMAN AAF KY 65-70,76-79 USAFETAC

Temp.							BULB														TOT			TOTA
(F)	0 1.	2 3	- 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 .	16 17	- 18	19 - 2	0 21 -	- 22	23 -	24 2	5 - 26	27 -	28 29 -	30 a :	31 D.B.	W.B. (Dry Bulb	Wet Bu
64/ 63			• 3																			3	3	
12/ 61				. 2									1									2	. 2	
60/ 59		1	. 3	. 4			1															7	7	
5=1 57		. 2	.9										_									10	10	
5 1 55		.9 1	.0	. 1	• 2																	20	20	1
4/ 53	1	. 0	.1		• 3		2															15	15	2
2/ 51		. 7	. 1		.1																-	8	8	1
50/ 49		. 7	• 3		. 4								1			1					_	14	14.	1
42/ 47		. 6	. 1	• 2	. 1	. 1	l]															10	10	
4 / 45		. 6	. 6		• 1																	11	11	
44/ 43		. 8	. 4		• 1		2															14	14	1
42/ 41	1	. 4 1	. 1	. 4	. 9		3											1				38	38	1
40/ 39	1	.9 1	. 4	. 9	• 2																	40	40	2
3=1 37		. 9	. 6	. 6	.6			1														23	23	2
36/ 35	1	. 2	. 9	. 8																		26	26	2
3-/ 33	1	. 7 2	.1	. 8																		41	41	3
32/ 31	.4 3	.0 3	. 5	. 4	. 1																	67	69	5
3 / 29	.2 3	.0 3	. 9	. 1					1		1									-		65	66	5
2 / 27	.4 3	. 8 3	.6	. 3																		73	73	7
26/ 25	.2 4	. 9 1	. 4	. 2																		61	61	7
24/ 23	3	.2 1	. 8																			45	45	7
22/ 21	.1 3	. 1 1	.0																			39	38	4
2 / 19	.4 5	. 2 1	. 3																			60	60	3
1 = / 17	3	.9 1	. 3							-												47	47	6
16/ 15	3	. 1	. 8																			35	35	4
14/ 13	1	. 6	. 2																			16	16	2
1 / 11	• 2 1	-	• 3																			21	21	2
1/9	.1 1	. 6																				15	15	1
8/ 7	1	. 4																				13	13	2
6/ 5		. 9																				8	8	
4/ 3		. 7																				15	15	1
2/ 1		. 9																				17	17	1
0/ -1		. 1																				10	10	2
-21 -3	-	. 1																				2	2	
Element (X)		Σχ' Σχ χ No. Obs. Meon No. of Hours with							with Tom	peretu														
Rel. Hum.													,	0 1	-	1 1	12 F		67 F	• 73 1		0 #	× 93 F	
Dry Bulb			+								-				1									
Wet Bulb											_					_								
Daw Paint			-			-		-		-			-	_	\rightarrow								-	





								. = =	2525	*****							1-0-		HOURS
Temp. (F)	0 1-2	3 - 4	5 - 6	7 - 8					DEPRE			23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	TOTAL Wet Bulb
7 / 69					.0	-								-			2	2	
6:1 67				. 1	• •												4	4	
56/ 65		.0	• 1	.0	.0												13	-	
84/ 63		. 1	. 1	.1		1											22		
62/ 61	.0	. 1	. 2		-												29	29	6
6 / 59	- 1	. 4	. 2														61	61	23
5 4 57	.0 .3	• 5	. 2			. 1											8.3		32
5 / 55	.0 .6	.7	.0														118	118	91
-4/ 53	.0 .7	. 2	. 2				.0										104	104	120
52/ 51	.0 .5	. 3	.0														96	96	95
5 / 49	.0 .6	. 5	• 1														121	121	75
40/ 47	.0 .5	. 2	. 2	. 3													121	121	78
46/ 45	. 8	. 3	• 3	• 3													140	140	108
44/ 43	.0 .9	.6	. 3	. 2	. 2	.0											166	166	136
42/ 41	1.4	. 9	. 8														292	292	139
40/ 39	.0 1.8	. 9	. 7	. 5													282	282	223
38/ 37	.1 1.2	. 8	. 8	• 3	.0												240	240	275
36/ 35	.0 1.4	1.4	. 7	. 2	.0												269	273	222
34/ 33	.2 2.1	1.6	. 7	• 3													353		348
32/ 31	.4 3.0	2.3	. 8	. 2													479	481	398
30/ 29	.2 3.2	2.7	. 5	• 0													488	490	417
28/ 27	. 3 3.9	2.1	. 6	.0													498	502	498
21 25	.3 4.1	1.8	. 3														469	471	594
24/ 23	.1 3.2	1.7	. 2														375	377	513
22/ 21	.3 2.7	1.4	• 1														331	331	432
20/ 19	.4 3.3	. 9	. 1														342	346	336
18/ 17	.2 3.3	. 9															319	322	382
10/ 15	.2 2.6	. 6															243	244	308
14/ 13	.1 1.9	• 5															181	181	223
1 / 11	.3 1.8	. 3															171	171	203
10/ 9	.2 1.8	. 2															154	154	181
8/ 7	.1 1.6	• 0															125	126	162
6/ 5	.3 1.5																129	129	145
9/ 3	.2 1.1																93	93	112
Element (X)	Σχ'			ZX		X	1		No. 01	•.				Mean N	e, of H	ours wis	h Tempero	ture	
Rel. Hum.											101		32 F	≥ 67		73 F	• 80 F	• 93 F	
Dry Bulb																			
Wet Bulb																			
Dow Foint																			

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMI

YEARS

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME PAGE 2 HOURS TOTAL TOTAL Temp. WET BULB TEMPERATURE DEPRESSION (F) (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | × 31 | D.8./W.B. Dry Bulb Wet Bul 94 9 .2 1.1 94 1 . 9 . 3 83 83 10 - / -3 • 2 45 45 5 . 4 .2 - / -5 . 2 22 22 -11 -7 • 3 . 1 25 25 2 - / -9 10 10 1 . 1 /-11 . 1 9 9 -1 /-13 . 1 -14/-15 . 1 16/-17 1 /-19 70/-21 2/-23 -24/-25 TOTAL 6.454.025.2 8.2 4.3 1.6 7238 7212 721 ZX Zx' No. Obs. Mean No. of Hours with Temperature Element (X) 36828549 70.014.354 10F 132F 21.1 484.9 Rel. Hum. 504869 7212 + 67 F + 73 F . 80 F . 93 F 7214165 203957 7238 .6 Dry Bulb 24.9 540.5 6000109 184513 25.613.321 7212 Wet Bulb

138371

19.215.218

7212

84.1 613.5

4324841

65-70,76-79

0 C 107 0.54.5 MO 24

Dew Point

0

0

1

0

0

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY FE 65-70,75-78 DODD-PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 0 31 D.8. W.S. Dry Bulb Wer Bulb C (F) 66/ 65 . 1 4/ 63 .1 12/ 61 • 1 2 2 1.1 59 • 1 6 58/ 57 1.0 . 8 . 1 15 15 3 55 10 10 . 8 941 53 • 1 17 17 1.0 . 3 11 2/ 51 10 . 4 50/ 49 . 5 . 3 12 12 6 4 / 47 . 7 . 4 • 3 1.2 21 21 12 41/ 45 • 5 12 12 1.7 44/ 43 22 22 9 62/ 41 24 1.4 1.0 1.2 . 1 29 29 39 .1 2.8 1.7 1.3 46 38 46 3:1 37 2.5 1.7 2.4 50 50 37 1.6 3.0 1.4 3// 35 49 49 39 34/ 33 2.6 2.1 1.7 49 49 38 .4 2.8 5.0 1.8 76 2/ 31 76 67 3 / 29 2.9 2.8 44 44 65 27 .1 2.6 1.7 34 34 63 25 40 62 2.8 2.5 40 23 4 . 3 1 . 8 47 47 37 21 21 .5 2.1 1.6 32 32 41 .5 2.5 28 35 19 28 17 . 1 2.8 . 8 28 28 33 16/ 15 23 2.6 24 24 0 26 14/ 13 1.7 . 1 14 14 1.3 10 10 16 00 10 .1 1.2 10 10 4 0.26-5 • 5 4 4 1 . 3 . 3 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥ 67 F • 73 F • 80 F Dry Bulb Wer Bulb

SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNDX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS BODD-PAGE 2 TOTAL Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) -21 -3 -6/ -7 -1 /-13 3.346.731.213.6 2.9 1.6 763 763 0 F S O 0.26.5 0 53309 X 69.913.397 Element (X) No. Obs. Mean No. of House with Temperature USAFETAC 3861345 763 Rel. Hum. +67 F +73 F +80 F +93 F 1 32 F 31.912.433 44.9 893289 24325 763 Dry Bull 55.7 22065 739419 Wet Bulb 763 . 8 526804 17362 22.813.148 3.6 67.3 Dew Point

TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 e 31 D.B./W.B. Dry Bulb Wer Bulb E 763

C GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMI 2 AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-77 0 PAGE 1 0 (HOEM 0-26-5 (OL A) USAFETAC

Temp.						WET	BULB	TEMPE	ERATUR	E DEPR	ESSION	(F)						TOTAL		TO.
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 1	4 15 - 1	6 17 - 1	8 19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet
1 61		. 1	• 1															2	2	1
/ 59		- 1	. 4															4	4	
53/ 57		• 3	. 7	. 4														10	10	
51 / 55		• 5				. 1												13		
4/ 53		• 5	. 1			. 3	-					-	1				1	7		
2/ 51	• 1	. 3	. 4	. 8	• 5													18	18	
50/ 49		. 3		• 3	. 4		-											14	14	
0 / 47			. 3	. 1	• 5													3	8	
4 . / 45		1.4	. 3		1.0				1			1	1				1	21		
14/ 43		1.4	3	. 4	. 1													1.7	1.7	1
42/ 41		1.2	. 8	. 7	• 1			1										21	21	
40/ 39		4.1	1.2	1.4	• 5													55	55	
3 / 37		2.6		1.0									1					36	36	1
3 / 35		2.2	3.1	. 7														46	46	
3 / 33		3.0	3.5	• 3														52		-
22/ 31	• 1	3.3	3.7	1.0														62	62	
30/ 29		2.9										1						55	55	_
2 / 27			1.7								-						1	37	37	
2:1 25	• 3	4.3											1					46	46	
24/ 23		5.4	2.1														1	57	57	
2/ 21	• 5	2.2	1.0														1	29	29	
1 19		2.2	. 5							1				1				21	21	
18/ 17	• 3	2.6	. 4															25	25	
10/ 15	• 3	2.4	. 4															23	23	1
1 / 13		2.4	. 1												-		1	19	19	
1 / 11		1.8																14	14	
1 / 9	• 1	1.6																13	13	
1 7	• 3																	10	10	
1 5	• 1																	6	6	
4/ 3	• 3	. 9																9	9	
7/ 1	• 1																	2	2	1
/ -1	• 5																	4	4	
- / -3	. 4	• 1												1				4	4	-
-11 -5	• 3																	2	2	
Element (X)		E X 2			Z X		X		A	No. C	bs.				Mean N	e. of H	-	h Tempere	lure	
Rel. Hum.												1 0	F :	32 F	+ 67	F .	73 F	• 80 F	• 93	F
Dry Bulb																				
Wet Bulb																				
Dew Peint								1								-		1	+	-

GLGBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SU

724240 FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-77

- - -

PAGE 2 C

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION	(F)						TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb
-11 -7 -11 -9																			
1 /-13		+		1			1	_		-			-			-	-		
14/-15																			
OTAL	3 0	55.2	29.1	7.1	3.3	1.4	-	1	1	-						-	1		762
																		762	
		1																	
							-												
1							}		1								1		
																	1		
								1											
										}									
]										
																1			1
							1						1			1			
1															-				
																	1		
																	1		
								1											
}								}											
Element (X)		Z X 2			ZX		X	1 .		No. Ot					Mean	No. of h	laurs wi	th Tempera	ture
Rel. Hum.			6633		552	63	72.5	12.4	92		62	10 F		32 F	z 67	F	• 73 F	- 80 F	n 93
Dry Bulb			UD88		230	96	30.	12.5	60		62	1.	1 4	8.3					
Wer Bulb			1734		211	50	27.8	11.7	29		62	1+		7.9					
Dew Point		50	5921		169			213.0		7	62	4.	3 6	6.8					

INSED MENDUS EDITIONS OF THIS HORM ARE OASOLETE

0-26-5 (OLA) HVISTO P

USAFETAC FORM O

0 SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SU USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS (1 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. () 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wi 8 / 59 • 1 . 4 . 2 6 51 57 .7 8 • 7 5 / 55 . 8 14 14 . 1 4/ 53 .5 .2 10 10 . 5 . 2 • 5 12/ 51 • 5 11 11 • 1 5 / 40 9 9 • 1 . 2 48/ 47 . 6 . 1 14 14 13 41/ 45 . 9 13 . 4 2.0 .5 27 44/ 43 • 5 27 2/ 41 . 4 22 22 1.7 . 6 .1 2.5 1.3 1.1 4 / 39 45 45 31/ 37 .2 2.3 1.2 35 35 35 2.3 2.1 • 2 39 39 34/ 33 .5 1.7 3.4 49 49 DESOLETE 2/ 31 .2 4.1 3.9 74 74 .1 3.3 3.9 1 29 67 67 2:1 27 4.4 3.2 64 64 201 25 4.3 40 - 5 40 .1 3.9 1.4 24/ 23 46 46 2/ 21 3.6 . 4 34 34 .6 3.4 . 7 40 40 19 2 / 1-/ 17 .4 3.0 .6 33 33 16/ 15 .4 2.1 26 26 . 1 2.8 14/ 13 26 26 1 / 11 .4 2.5 24 24 E AL 13 13 1 . 5 0/ .2 1.5 15 15 8 . 9 10 10 . 5 . 8 OL 4/ 11 11 . 6 12 12 0.56.5 / -1 2 -./ -3 -4/ -5 . 5 40 24 -1 -7 No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC • 80 F ≥ 67 F + 73 F Rel. Hum. 20 F 3 32 F • 93 Dry Bulb Wet Bulb Dem Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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USAFETAC

PSYCHROMETRIC SUI

YEARS

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78

PAGE 2

Tamp.										DEPRE										TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 1	15 - 16	17 - 18	19 - 20	21 - 2	2 23 -	24 2	5 - 26	27 - 2	28 2	29 - 30	= 31	0.8./W.B.	Dry Bull		
-5/ -9																							
-1 /-11								1													L		
-1 /-13		1															1						
-14/-15									}					-									
OTAL	5.3	60.1	26.5	5.2	2.3	.6															844		
								1		}		1								844			
										1													
														1							}		
			1																				
										1													
																	1				1		
										1													
																			1		1		
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														1									
																					1		
								1		}													
Elament (X)		Zx'			Z X		X	-		No. OI	28.	-	1	-	-	Mee	n N	o. of t	tours wi	th Tempers	ture		
Rel. Hum.		470	9439		623	11	73.8	11.	378	8	44	10			32 F		67		. 73 F	- 80 F	» 93		
Dry Bulb		83	1098		242	22	28.	112.	599	8	44		.7		3.9								
Wet Bulh			9643		223	31	26.4	11.	50	8	44		. 9		0.3								
Dew Point			2310		178		21.	717	03	8	44	-	1.7	1	9.1	-		-		1	-		

1 GLOSAL CLIMATOLOGY BRANCH **PSYCHROMETRIC S** USAFETAC AIR WEATHER SERVICE/MAC € 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70.75-78 YEARS 0 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bull 6 / 67 • 1 44/ 63 0 12/ 61 . 1 • 1 • 1 • 1 4 59 . 1 12 59/ 57 • 5 . 1 . 2 . 6 . 1 17 1 (5: / 55 • 5 Su/ 53 . 6 . 4 . 2 . 1 18 1 52/ 51 . 5 .6 0 5 / 49 . 4 20 21 . 7 .2 4./ 47 . 9 18 46/ 45 . 4 .6 . 9 . 7 . 1 23 2 (44/ 43 1.7 35 . 9 42/ 41 1.4 .7 1.3 37 3 4 / 39 1.8 1.4 . 9 49 41 31/ 37 .1 1.9 2.1 2.7 61 6 .1 1.3 2.0 1.5 36/ 35 . 4 45 34/ 33 2.6 4.1 2.1 . 1 76 71 1.9 2.5 1.4 32/ 31 51 5 3. / 29 .4 3.7 2.8 62 6 27 2.8 2.7 5 52 21/ 25 2.2 1.5 36 31 • 1 . 4 24/ 23 .1 1.7 1.2 31 22/ 21 .4 1.3 2.0 . 2 33 3 / 19 2.4 29 18/ 17 3 2.4 1.4 32 10/ 15 2.0 . 6 22 14/ 13 1.3 13 1 • 2 8 1 / 11 . 9 9 . 1 . 6 0 6 . 9 0.26-5 61 5 . 9 8 - 1 . 2 Element (X) ZX No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 1 0 F 1 32 F 1 67 F Dry Bulb Wet Bulb Dew Point

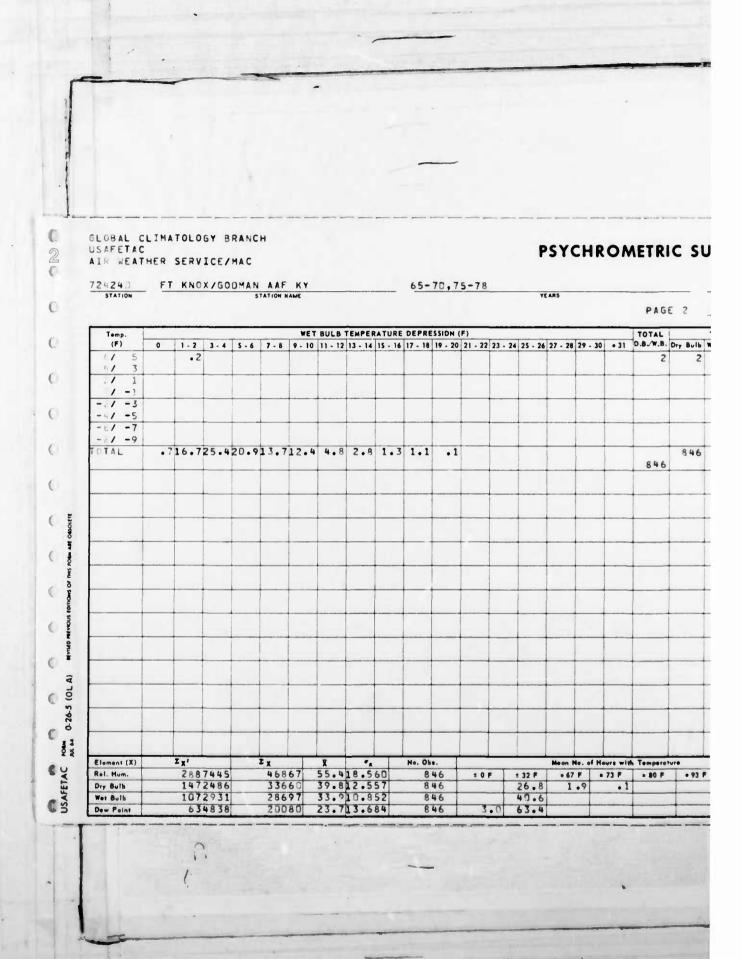
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0 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUI 2 AIR WEATHER SERVICE/MAC 724243 FT KNOX/GODMAN AAF KY 65-70,75-78 STATION STATION NAME PAGE 2 0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb We -21 -3 -4/ -5 -6/ -7 -9/ -9 -1/-11 -14/-15 TOTAL 2.139.830.516.2 7.6 2.6 846 846 F 100 0.26.5 1 2 2 2x 56479 X 66.815.203 Element (X) No. Obs. Mean Ho, of Noure with Temperature USAFETAC 3965847 Rel. Hum. 846 s 32 F • 67 F | • 73 F • 00 F • 93 1 10F 39.5 52.0 33.312.339 846 1065913 28159 .1 Dry Bulb 25191 29.811.310 Wet Bulb 858183 846 586033 19281 22.813.172 846 4.0 67.2 Dew Point

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SU** 2 AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70.75-78 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb 9 74/ 73 . 1 1 2/ 71 71 69 . 2 3 61/ 67 . 1 4 7 66/ 65 . 2 . 1 . 5 64/ 63 . 5 .6 62/ 61 . 4 . 7 . 2 24 24 . 1 . 4 . 4 55/ 59 18 18 . 2 58/ 57 23 23 51/ 55 27 . 7 27 54/ 53 . 2 .2 . 1 .6 . 2 . 5 .5 20 ZC -2/ 51 . 8 26 26 51/40 . 4 . 2 22 22 .5 45/ 47 . 8 25 25 41/ 45 . 1 1.1 1.7 39 39 . 6 44/ 47 43 42/ 41 1.3 1.3 1.8 49 49 . 6 1.1 1.7 2.1 1.1 4 / 39 51 51 38/ 37 .7 .6 1.4 1.2 36 36 1.1 2.4 1.7 1.1 31 / 35 56 56 34/ 33 2.2 2.5 1.8 .6 60 60 32/ 31 .1 2.4 2.8 2.2 66 66 .9 4.0 1.4 . 2 3 / 29 58 58 28/ 27 1.2 2.7 1.2 . 6 48 48 26/ 25 .8 1.8 33 33 24/ 23 22/ 21 .5 1.3 . 2 17 17 .4 2.4 20/ 19 24 24 . 9 18/ 17 . 4 0 11 11 5 0-26-5 14/ 13 . 5 5 . 1 No. Dbs. Element (X) ZX Mean No. of Hours with Temperature USAFETAC 1 0 F 1 32 F Dry Bulh Wet Bulb Dew Point

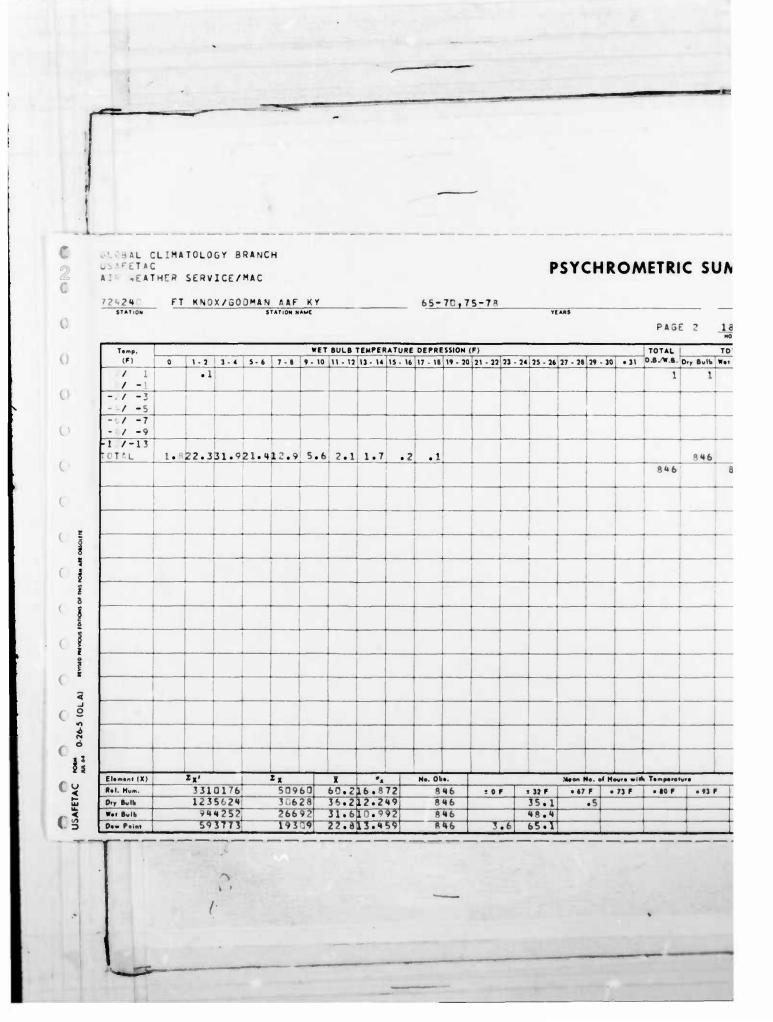
GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUA USAFETAC AIR WEATHER SERVICE/HAC 724240 FT NOX/GODMAN AAF KY 65-70,75-78 YFARS PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TO TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wei 61 5 1 1 - / -3 -4/ -5 - 1 -7 -8/ -9 /-11 .719.530.018.015.0 9.8 3.3 2.5 346 846 () 0 8 9 0.26-5 MOEM AN AL 2 x 49230 No. Obe. Mean No. of Hours with Temperature Element (X) USAFETAC 3127800 58.217.643 Rei, Hum. 846 1 32 F • 67 F • 73 F = 80 F • 93 F 32612 38.512.574 29.8 Dry Bulb 1390742 846 1039020 846 43.3 28144 Wet Bulb 24.013.586 642837 20295 63.6 Dew Paint 846

O GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUA 2 AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 VEARS 0 PAGE 1 1 TO WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 > 31 74/ 73 . 1 1 1 2/ 71 77/ 69 . 5 7 6 4 67 . 1 9 66/ 65 . 1 . 1 5 5 . 2 . 1 64/ 63 19 . 7 . 1 62/ 61 • 1 . 2 . 6 . 5 . 2 21 21 50/ 59 . 4 .2 .1 22 55/ 57 . 6 .1 16 56/ 55 . 4 . 4 28 28 54/ 53 . 1 . 4 . 6 .6 14 14 2/ 51 . 7 34 50/ 49 . 4 . 5 .6 24 24 • 1 • 2 . 4 48/ 47 . 2 .2 . 1 . 4 . 9 .1 26 46/ 45 .1 1.1 • 5 .2 1.7 1.4 46 46 48 44/ 43 . 5 .2 1.1 2.1 48 1.5 42/ 41 1.1 .9 2.2 2.0 . 2 .1 56 56 40/ 39 1.8 35 35 3 = 1 37 .7 1.1 1.2 1.7 • 7 46 46 3// 35 1.1 1.9 2.5 1.3 . 5 61 61 34/ 33 .1 1.7 1.3 2.8 56 56 .2 1.9 2.6 2.6 22/ 31 66 7 / .1 1.1 2.7 2.0 . 4 53 53 27 1.3 2.2 2.4 .6 55 55 • 5 201 25 17 17 .1 2.4 25 21/ 23 0 22/ 21 19 19 . 4 1.7 . 2 1 19 .1 1.9 17 17 . 4 10/ 17 9 - 1 1:/ 15 . 1 0.26.5 14/ 13 5 1./ 11 . 1 12 No. Obe. ZX Element (X) Mean No. of Hours with Temperature X . ± 32 F • 67 F • 73 F . 80 F • 93 F Dry Bulb Wet Bulb Dew Point

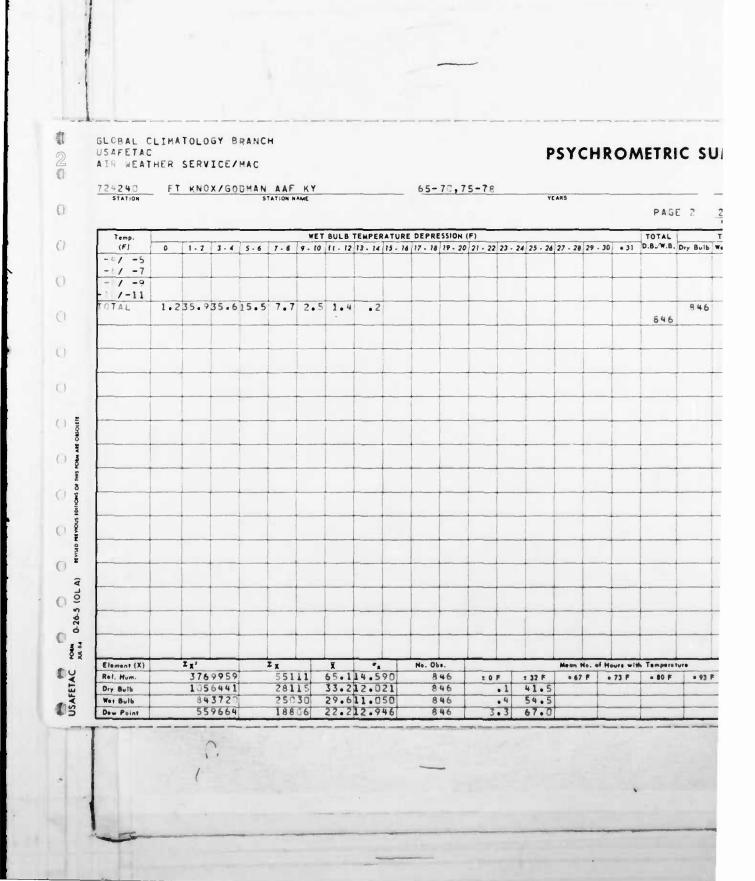


GLOBAL CLIMATOLOGY BRANCH 9 USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70.75-78 0 WET BULB TEMPERATURE DEPRESSION (F) TO 0 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | • 31 | D.B./W.B. Dry Bulb Wer 7 / 69 . 1 . 1 2 65/ 67 0 66/ 65 . 1 .2 . 1 6 6 64/ 63 9 62/ 61 .2 . 2 . 4 • 2 . 1 13 13 0 59 . 1 .6 . 2 .2 14 14 58/ 57 . 4 . 5 .1 22 . 4 • 6 22 5/ / 55 0 64/ 53 . 1 . 8 17 17 2/ 51 18 . 2 51 / 49 . 2 . 7 17 17 0 48/ 47 . 4 16 16 40/ 45 . 7 . 4 • 7 1.1 30 30 44/ 43 2.2 41 41 42/ 41 1.3 .5 1.4 1.7 .6 46 46 4 / 39 1.2 1.7 2.2 2.2 68 68 38/ 37 .9 1.8 1.8 1.1 49 30/ 35 1.1 1.7 1.5 1.1 48 48 34/ 33 1.3 2.7 2.1 57 57 32/ 31 1.5 2.2 4.0 72 72 0 .1 2.1 2.8 1.9 3 / 29 59 59 27 1.2 2.7 1.1 42 42 26/ 25 2.6 3.5 • 9 61 61 0 24/ 23 .8 1.9 31 31 2/ 21 2.0 20 20 1.9 19 0 18/ 17 .8 1.3 18 .4 1.1 8 15 12 14/ 13 9 . 1 . 2 3 . 1 • 5 5 Element (X) He. Obe. Mean No. of Hours with Temperature + 67 F + 73 F + 80 F 10F : 32 F • 93 F Dry Bulb

PSYCHROMETRIC SUA



1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUN USAFETAC AIF "EATHER SERVICE/MAC 0 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS (21 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TO1 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Bulb Wet I (F) 14/ 63 6 6 .2 6 6 1: / 59 . 2 . 1 • 5 .6 12 12 5 1 57 • 1 • 1 51/ 55 • 5 12 12 . 1 4/ 53 .6 19 . 7 .1 .2 19 92/ 51 . 5 4 . 1 . 2 . 4 13 13 • 5 • 5 . 5 • 5 5 / 49 .1 17 17 44/ 47 .2 • 5 • 1 1.1 . 6 21 21 41/ 45 . 8 26 26 4/ 43 • 7 . 8 1.7 27 27 82/ 41 1.9 .6 . 9 34 34 .7 1.5 1.3 4 / 39 . 6 39 38 3 a/ 37 2.5 1.4 2.8 . 9 65 65 34./ 35 1.7 1.7 1.4 . 9 48 48 34/ 33 2.5 3.0 2.5 .1 2.5 3.8 2.7 71 . 5 71 12/ 31 . 1 78 78 1.5 4.0 51 • 5 51 2:1 27 .5 1.2 3.0 40 • 1 40 21/ 25 2.6 3.9 55 55 2.7 2.5 2.1 2.0 24/ 23 44 44 2/ 21 36 36 21/ 19 .1 1.8 1.4 30 30 1.2 1.3 18/ 17 21 21 14/ 15 1.5 1.1 22 22 14/ 13 1.8 15 15 .9 1 / 11 8 8 8 . 4 3 11 7 • 1 1 1 00 .5 4 0-26-5 4/ 3 3 . 4 3 .7 6 1/-1 . 1 1 Z X' ZX Element (X) No. Obs. Mean No. of Hours with Temperature ** USAFETAC Rel. Hum. 10F 1 32 F • 93 F Dry Bulb Wet Bulb Dow Point



PSYCHROMETRIC SUN 2

65-70,75-78

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIF "EATHER SERVICE/MAC

724247 FT KNOX/GODMAN AAF KY

Temp.						WET	BULB	TEMPER	ATURE	CEPRE	SSION (F)						TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 . 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb 1
74/ 73	1									.0	.0							2	2
121 71							. 3		0	.0		1						3	3
7 / 69						. 1			.0	.0								12	12
6-1 67			• 7	• 0	• 0	.0	. 0	. 0	.0	.1								1.7	17
6/ 65	1		. 7	. 1	.0			. 1	- 1									19	19
64/ 63		.0	. 2	- 1	.1	- 1	. 0	.2	.0					1				51	51
12/ 61	1	. 1	- 1	• 2	• 2	• 2	. 1	. 2		.0				-				72	72
6 / 59		- 1	. 4	. 2	• 3	. 1	- 1	. 1	.1	.0								94	94
50/ 57	. 1	. 3	. 4	• 3	• 2	. 2	• 3	. 1	.0									124	124
5 / 55	-	• 5	. 4	. 2	. 2	. 4	. 3	.2	.0					1				138	138
-4/ 53		• 5	• 2	• 3	• 3	• 3	• 2	- 1						1				122	122
52/ 51	. 7	• 5	• 3	. 4	. 4	• 5	• 1	.0										142	142
5 / 40		• 3	. 4	• 2	. 4	. 5	. 1	• 1										135	135
4:1 47		- 3	• 3	- 1	. 8	. 5	. 2	• 7										149	149
4 / 45	• 1	• 3	• 3	• 5	. 8	. 6	• 1											213	210
-4/ 43	• 0	1.7	. 5	• 5	_ • 5	.6	• 1											260	260
42/ 41		1 . 3	. 8	1.2	. 9	. 2	• 0										}	294	294
4 / 39	. 2	1.8	1.5	1.5	. 8	. 1												387	387
3-1 37	• 1	1 . 7	1.4	1.7	. 7	• 2												378	378
34 / 35	.0	1.5	2.2	1.4	.7	. 1												392	392
3 / 33	. 1	2.2	2.8	1 . 7	• 3													470	470
22/ 31	• 2	2.5	3.3	2 . 1	• 1	.0												545	545
3.1 29	.1	2.3	3.4	. 8	. 1	• 0												449	449
2 / 27	- 1	2.2	2.5	.7	. 2													372	372
261 25	• [7]	2.5	2.0	• 3	• 1													328	328
24/ 23	0	2.3	1.9	• 3	_ 0									1				303	303
2/ 21	. 2	1.5	1.5	• 2														220	220
1 19	. 2	1.6	1.3	- 1														210	210
16/ 17	• 1	1.6	. 9															172	172
16/ 15	• 1		• 5															136	136
14/ 13		1.3	• 2															100	100
1./ 11	• 1	1.0	• 0															70	70
1 / 9	• [3	. 7	.0											1				51	51
8/ 7	• 1	. 7																50	50
Element (X)	Σχ'		ZX			X	".		No. Obe.					Mean No. of Hours wi			th Tomperat	lure	
Rel. Hum.												10	F	1 32 F	• 67	F	73 F	3.08 €	• 93 F
Ory Bulb																			
Wet Buth																1		1	

HWSE MINOUS I

0 HOEM 0-26-5 (OLA)

USAFETAC

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 FORT KHOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U) AD-118 462 JUL 82 USAFETAC/DS-82/042 UNCLASSIFIED SBI-AD-E850 201 NL 4 of 6 AD A 118462 凯



GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS STATION STATION NAME PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 13 5 37 37 44 174 27 27 41 . 1 38 136 • 3 11 1 36 • 1 138 89 --/ -3 • 1 6 66 -4/ -5 64 . 1 6 -11 -7 26 -61 -9 24 1 /-11 9 -1⁻/-13 TOTAL 6599 2.336.730.014.9 8.3 4.6 1.7 1.0 .3 .2 6599 • 0 6599 6599 ARE DESCRETE 4 0 0-36-5 10 M No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC 429530 10F 132F 2.4 318.5 3.2 411.6 29.3 529.4 29758644 6599 #67 F • 73 F • 80 F • 93 F Rel. Hum. Total 224817 6599 8765681 3.5 Dry Bulb 672 Wet Bulb 6898892 199270 6599 672 4572180 149910 22.713.297 6599 672 Dew Point

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY MAR 65-70,75-77 YEARS 0000-0200 HOURS IL. S. T.I PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 0.8 W.B. Dry Bulb Wer Bulb Dew Point 0 72/ 71 . 1 . 2 3 1 69 . 5 .2 6:1 67 6 6 6/ 65 .1 8 64/ 63 . 4 9 9 . 4 () . 6 -21 61 . 4 25 25 6 / 59 1.1 . 6 . 4 21 21 11 3 6 6 / 57 10 1.0 1.2 . 5 .6 30 30 21 51/ 55 .7 .2 . 4 . 5 . 4 .2 26 26 26 10 4/ 53 1.2 . 7 28 36 18 12/ 51 . 7 . 8 29 29 25 .4 1.3 15 5 / 49 23 23 41/ 47 2.2 .6 I.3 1.4 53 53 39 . 0 35 21 41/ 45 1.2 .8 1.1 35 35 27 .7 1.4 1.8 14/ 43 .8 42 38 42 1.4 .2 2.4 1.3 02/ 41 45 45 30 20 21 39 4 / 39 2.3 2.4 1.2 1.3 60 60 43 31/ 37 2.0 1.4 1.6 46 46 58 2.3 2.9 1.6 30/ 35 59 59 68 40 34/ 33 3.5 3.0 1.8 70 70 64 47 32/ 31 1.8 1.6 1.0 36 36 72 3 / 29 54 1.7 2.5 41 41 60 2 / 27 .1 2.0 1.8 34 34 62 0 59 1.9 2.3 40 46 26/ 25 40 24/ 23 3.1 1.1 35 34 35 54 22/ 21 15 15 40 1.6 10 37 2 / 19 . 2 10 22 1.0 1 ./ 17 ₹ 41 16/ 15 47 S 30 14/ 13 1./ 11 8 100 Mean No. of Hours with Temperature Element (X) 2 1 No. Obs. Rel. Hum. 10 # 1 32 F Dry Bulb Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 724240 MAR 65-70,75-77 YEARS 0000-0200 Hours (L. S. T.) PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B./W.B. Dry 3ulb Wet Bulb De- Poin TOL .835.424.717.813.0 5.5 1.6 1.2 837 837 837 €37 COLA 0.26.5 10 M 56897 34031 X 68.015.945 40.711.838 Z x * No. Obs. Mean No. of House with Temperature Element (X) 4080239 1500797 837 • 67 F • 73 F • 80 F • 93 F 1 • 2 5 32 F 24 • 1 Rel. Hum. 2 0 F Total 837 Dry Bulb 1209148 30544 36.510.634 37.3 837 93 Wet Bulb 837 886192 25284 33.212.101 58.0 93 Dew Paint

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIF WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70.75-77 MAR PAGE 1 0300-0500 HOURS IL, S. T.I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 O.B./W.B. Dry Bulb Wet Bulb Daw Poin (F) 72/ 71 6=1 67 • 5 66/ 55 10 . 5 . 1 10 . 4 64/ 63 11 62/ 51 . 6 . 4 18 19 1 59 1.0 22 58/ 57 7 . 5 . 7 . 5 16 18 • 1 .1 16 5-1 55 1.4 1.1 . 5 .2 26 .5 . 3 17 54/ 53 1.2 . 6 30 30 29 .6 . 4 2/ 51 1.0 21 26. 21 5 / 49 1.4 • 1 . 8 • 5 • 1 25 25 19 31 .5 1.2 45/ 47 1.6 31 26 15 31 40/ 45 .1 1.6 .1 1.3 30 . 8 . 1 34 34 27 84/ 43 1.0 .6 1.2 1.6 38 38 36 42/ 41 1.2 1.2 1.3 1.4 43 43 12 4 / 39 60 2.3 2.0 2.2 60 32 3-1 37 .4 2.2 1.8 1.2 . 1 47 47 54 30 31/ 35 1.8 3.0 1.2 55 55 64 36 60 34/ 33 4.2 2.7 34 . 7 64 64 3.5 2.0 1.3 32/ 31 57 57 79 42 3 / 20 2.4 1.4 • 1 33 33 65 63 2=1 27 3.6 1.4 43 49 70 43 26/ 25 2.5 2.0 38 38 45 59 3.2 . 2 33 41 30 30 22/ 21 34 3.7 34 40 64 1/19 2.5 24 24 38 44 18/ 17 1.2 10 10 19 39 (OLA) 42 16/ 15 10 6 14/ 13 • 1 1 34 17 0.26.5 20 1 / 5 1 1 2 2 Z x2 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC Dry Bulb Wet Bulb Dew Paint

0 CLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY 20 AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY 65-70,75-77 YEARS 0 PAGE 2 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 • 5 OTAL .845.823.815.310.6 3.1 € 37 837 837 837 0 0 0 0-26-5 (OL A) 0 0 No. 59723 434 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 71.414.415 38.812.064 35.311.016 4435177 837 Rol. Hum. 132 F 30 • 7 • 67 F • 73 F - 80 F - 93 F 10 F Total 32434 1378534 837 Dry Bulb 1142235 29515 Wat Bulb 837 42.4 93 865843 24908 29.812.209 60.1 93 Dew Paint

11 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 MAR YEARS 0 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 0 61/ 67 . 1 6/ 65 44/ 63 . 6 . 4 11 . 8 • 8 .2 02/ 61 .2 19 19 • 3 4 / 59 .6 1.3 . 2 25 25 5 • 2 5-1 57 29 29 11 50/ 55 .2 1.0 . 3 • 3 .6 27 27 35 4/ 53 • 2 1.0 . 8 . 3 25 25 23 -2/ 51 .1 1.0 • 8 .6 • 3 31 31 25 25 5 / 49 17 .2 1.1 . 3 . 3 30 30 31 45/ 47 . 4 . 8 . 2 1.5 • 6 33 33 23 21 44/ 45 .5 1.3 .1 1.1 39 38 41 14/ 43 • 8 .5 1.5 .8 . 2 31 24 37 37 42/ 41 .1 1.5 1.4 1.5 47 13 47 28 4 / 39 .1 1.6 2.3 2.0 60 60 47 17 31/37 .1 3.0 2.2 1.2 . 2 62 62 62 37 3c/ 35 2.3 2.6 1.1 56 56 39 • 1 64 34/ 33 5.1 3.2 78 78 70 40 2/ 31 4.6 2.3 72 72 99 65 Ĩ 3 / 29 2.3 2.6 48 48 68 86 2 / 27 2.8 1.5 49 42 42 88 2:1 25 .2 2.3 1.0 32 57 55 32 3.2 1.1 24/ 23 34 40 40 54 2/ 21 2.0 37 42 2 / 19 . 3 2.7 . 2 30 30 30 BVISED 12/ 17 35 • 8 9 9 40 16/ 15 36 - 4 5 5 8 14/ 13 • 3 36 0 1// 11 19 2 20 0.26.5 5 . 1 1 1 M 24 Element (X) Mean No. of Nours with Temperature Rel. Hum. 10 F 1 32 F ≥ 67 F • 73 F - 80 F ● 93 F Tetal Dry Bulb Wer Buib Dew Peint

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY 65-70,75-78 MAR YEARS PAGE 2 0600-0800 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./M.B. Dry Bulb Wet Bulb Dew Point / -1 -/-3 930 2.443.927.413.5 8.2 4.3 930 930 930 õ 0.26-5 Element (X) No. Obs. Meen No. of Hours with Temperature SAFETAC 72-314-168 67196 Rel. Hum. 5041656 930 # 67 F # 73 F # 80 F # 93 F 2 0 F 1 32 F Total 38.512.078 35.111.020 1511632 35774 930 31.1 93 Dry Bulb •1 1258660 930 32644 42.6 93 Wet Bulb Dew Point 963602 27726 29.812.144 93C 61.0 93

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724249 FT KNOX/GODMAN AAF KY 65-70,75-78 MAR PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Paint 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 16/ 75 • 1 • 1 2 74/ 73 12/ 71 . 2 . 2 . 4 10 10 1 69 16 16 6-1 67 .2 . 1 . 4 . 4 . 4 . 4 . 1 21 21 6/ 65 . 5 20 . 3 27 . 1 . 1 4/ 63 . 1 . 6 . 2 . 1 17 17 9 1 . 2 .6 26 26. .1 50/ 59 . 2 .4 1.0 . 2 39 38 21 5 . 1 . 9 . 9 5-1 57 . 3 9 34 34 32 51 / 55 . 1 • 5 • 3 . 2 1 . 2 . 8 • 3 • 3 35 35 34 25 .1 1.0 .5 1.2 1.0 .2 1.1 .3 1.2 1.0 4/ 53 1.1 1.0 52 52 20 17 52/ 51 43 . 6 43 33 20 50/ 49 1.6 .9 . 5 . 9 42 42 14 . 1 55 .5 .2 .6 1.3 48/ 47 . 4 32 32 35 • 3 1.0 41/ 45 .8 1.1 1.2 43 43 37 34 44/ 43 1.3 1.1 .9 1.1 . 5 . 2 48 48 51 31 42/ 41 1.0 1.3 1.6 1.6 54 54 43. 48 1.3 2.6 1.6 4 / 39 . 8 • 3 61 61 62 24 3 1 37 1.4 1.3 1.4 . 8 49 49 53 42 36/ 35 1.1 1.7 1.6 46 46 50 4.9 1.6 1.5 34/ 33 77 38 77 62 2.3 1.0 1.5 32/ 31 . 2 46 46 91 55 1.6 1.4 50 33 33 100 201 1.0 1.1 24 24 38 60 BVISE .8 1.3 24 24 41 57 0 24/ 23 .5 1.1 15 15 27 31 B 2/ 21 .5 9 9 21, 38 100 2 / 19 . 2 . 1 3 3 15 42 18/ 17 37 0.26.5 . 1 32 1 1 14/ 13 • 1 24 . 1 13/ 11 15 M 15 Element (X) Z X2 ZX No. Obs. Mean No. of Hours with Temperature . USAFETAC Ref. Hum. ± 32 F + 67 F + 73 F . 80 F Dry Bulb Wet Bulb Dew Paint

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATE WEATHER SERVICE/MAC 0 724240 FT KNOX/GODMAN AAF KY MAR 65-70,75-78 YEARS STATION STATION NAME O PAGE 2 0900-1100 HOURS (L. S. T.) TOTAL D.B. Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1 15 . 1 1 8 1 .225.122.016.314.710.5 6.2 2.9 1.1 .8 GTAL 930 930 930 930 0-26-5 (OL A) Notes 62.517.934 Element (X) Zx' žχ No. Obe. Mean No. of Hours with Temperature USAFETAC *67 F = 73 F +80 F +93 F 3927355 930 58091 Rel. Hum. Total 10 F ± 32 F 15.9 44.712.716 930 93 2012096 41612 5.4 Dry Bulb Wet Bulb 1538371 36447 39.210.878 930 29.2 93 1073113 29361 31.612.543 930 53.3 93 Dew Peint

0 GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 MAR PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Buils Wet Buils Dew Paint 97/81 . 1 • 1 1 79 7:1 77 . 1 . 4 . 1 8 8 • 1 6/ 75 .2 . 6 11 11 4/ 73 . 2 • 1 . 1 . 8 . 1 • 6 . 1 19 19 1.1 71 .2 . 5 31 31. . 4 . 9 71 / 69 . 2 • 1 20 20 6-1 67 .5 1.0 23 23 • 5 66/ 65 • 4 . 4 . 8 . 2 36 36 7 4/ 63 • 3 . 6 .6 1.0 39 39 9 62/ 61 . 1 . 4 . 2 .8 1.3 . 2 • 3 . 3 37 37 4 • 3 18 1 59 • 6 . 2 . 4 35 35 27 5-1 57 • 1 . 6 . 2 .5 1.1 35 35 41 10 • 3 5./ 55 .4 1.0 . 3 36 36 36 .9 1.3 4/ 53 . 6 . 6 . 2 . 6 . 4 . 1 45 45 49 19 . 4 1 . 1 92/ 51 •3 1.0 . 9 . 5 44 44 27 24 5 / 49 1.0 . 5 . 6 .6 1.6 50 50 . 9 . 1 50 35 4 / 47 . 8 .5 1.2 1.0 1.4 53 53 30 .9 .9 .9 1.0 1.0 SH. 4-1 45 45 55 36 . 8 . 9 .9 1.1 44/ 43 37 37 45 25 .9 1.5 1.6 • 5 42/ 41 1.3 56 56 53 37 4 / 39 .4 2.0 .5 1.5 47 47 42 66 381 37 . 5 .9 1.2 1.2 • 1 36 36 49 46 1.7 1.1 . 9 36 / 35 . 4 39 39 68 41 34/ 33 2.7 .8 1.5 51 51 63 41 BVISE 1.1 1.5 32/ 31 29 29 69 .5 1.0 3 / 29 1.1 . 2 27 27 37 78 2 / 27 .5 .5 .4 8 14 14 31 46 211 25 • 3 . 8 • 1 0 23 11 11 49 24/ 23 • 5 22 31 0.26-5 2/ 21 • 1 1 43 19 . 1 . 1 51 18/ 17 45 MOEM AUL DA Element (X) No. Dbs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 2 67 F 9 73 F 9 80 F + 93 F 10F 132F Tetal Dry Bulb Wet Bulb Dew Point

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIN WEATHER SERVICE/MAC 7 24 24 3 MAR FT KNOX/GODMAN AAF KY 65-70,75-78 YE ARS 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Builb Wet Bulb Dow Point 14/ 13 23 1 / 11 19 1 / 16 13 1 4 2 1 930 OTAL .413.917.113.913.310.912.8 7.2 6.1 1.9 2.0 .4 930 930 930 PORM ARE 1 EDITIONS OF V 0-26-5 (OL NOEM JUL 64 X ... 53.919.805 49.813.462 No. Obe. Element (X) Mean No. of House with Temperature USAFETAC 3066790 2473893 50132 930 267 F • 73 F • 80 F • 93 F 11 • 9 4 • 5 • 5 Rel. Hum. 5 0 F ± 32 F 9.7 46305 Dry Bulb 39016 20.0 42.010.672 930 Wet Bulb 1742628 .1 93 1098150 29686 31.912.731 930 . 1 51.5 93 Dew Point

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78
STATION STATION NAME MAR PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 / 81 . 1 • 1 1 79 . 2 7-1 77 • 3 . 2 . 1 8 . 3 6/ 75 .1 13 131 4/ 73 . 5 . 2 .6 .6 .5 . 3 28 28 • 1 20 1 69 26 • 1 . 2 • 3 . 4 .6 . 5 **.** 4 • 1 26 .5 1.1 5 / 67 . 5 . 8 . 3 32 • 2 . 2 27 27 6/ 65 8. . 4 3 . 4 1.2 1.5 1.0 4/ 63 51 51 19 12/ 61 . 1 . 8 . 2 . 2 .5 1.5 . 6 42 42 15 .3 1.0 1 59 . 4 33 33 • 1 33 • 5 . 4) 51 57 40 12 . 2 . 4 .2 1.1 . 4 40 29 51/ 55 • 3 • 1 . 4 . 5 31 31 45 19 ARE DESOUTE .6 1.3 1.1 4/ 53 . 3 .6 . 9 . 8 . 5 54 54 44 24 52 2/ 51 .4 1.0 .8 1.5 1.0 .6 52 43 33 50/ 49 • 5 . 2 . 4 .8 1.5 43 43 32 25 48/ 47 .5 1.5 .6 50 50 24 68 45/ 45 • 5 53 20 . 8 .9 1.2 1.3 1.1 53 58 44/ 43 . 9 .9 1.0 • 9 38 38 58 28 .4 1.2 1.1 12/ 41 . 6 • 3 38 38 51 41 .3 1.4 41 71 4 / 39 . 3 1 . 6 41 36 . 8 3 / 37 .6 .9 1.1 1.3 . 3 36 36 49 44 30/ 35 1.8 1.5 . 4 42 42 63 43 34/ 33 .1 2.0 1.0 1.7 • 2 47 47 65 BENISED 28 12/ 31 .6 1.2 . 2 25 25 60 80 . 6 • 3 . 9 • 2 19 19 38 62 26/ 27 . 4 B • 5 57 . 6 15 35 15 (OL . 5 . 6 11 11 16 41 24/ 23 45 0.56-5 2/ 21 10 51 . 1 49 10/ 17 49 NOEM JUL 04 ZX ZX Mean No. of Hours with Temperature Element (X) Ŧ No. Ohe. USAFETAC Rel. Hum. : 32 F ≥ 67 F • 73 F • 80 F Dry Bulb Wet Bulb Dew Paint

GLORAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAR 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 STATION STATION NAME YEARS PAGE 2 1500-1700 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | • 31 | 0.8./w.8. Dry Bulb | Wer Bulb | Dew Point 1-/ 1-3 16 1 / 11 20 14 1 14 - / -3 1 TOTAL .612.612.413.012.312.310.811.1 8.4 3.9 1.8 .6 937 930 930 930 E 8 101 0.26.5 Zx' ZX 50.620.495 No. Obs. Mean No. of Houre with Temperature Element (X) USAFETAC 47014 930 2766906 2590390 1 32 F 2 67 F + 73 F + 80 F + 93 F Total Rel. Hum. 10 F 13.9 47462 51.013.455 6.1 1.0 93 Dry Bulb 1768761 39379 42.310.444 930 18.4 93 Wet Bulb 28990 31.212.734 930 55.0 93 1054310 Oow Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY

724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70.75-78 MAR YEARS

1800-2000 HOURS (L. S. T.) PAGE 1

Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (F)						TOTAL TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 20	29 - 3	0 • 31	D.B./W.B.	Dry Bulb		Dew Pe
2 / 79												.1						2	2		
78/ 77										.1		• 1	• •					1	1		
76/ 75	-							• 1	. 2	-	. 1	. 1			1			5	5		
74/ 73						• 2	• 2	• 3	.1		• •	••						8	9		
72/ 71	-					. 3		- 1	• •	• 3	. 1					+	-	10	10		
7 / 59					• 1	• 3	. 4	. 8	. 1	.1	i			1	1			15	15		
61/ 67			- 1		. 1	• 3	-	• 3	. 4	• 2					1		1	19	19		
66/ 65		-1	- 1	. 1	. 4	. 1	. 9	. 5	- 1									22	22		
14/ 63		• 1		. 6	. 4	. 4	.9	• 3	. 4									30	30	5	
62/ 61		. 1	.6	. 6	. 2	. 9	. 5	.6	. 2									36	36	10	
61/ 59		• 3	• 3	. 2	• 5	. 8		. 8	• 2	.2	,							40	40	15	
58/ 57	• 2		. 6	. 4	. 4	. 2		. 5	. 2									38	38	32	
5 / 55	-	.6	• 8	• 1	• 5		4	.6	. 4								1	48	48	31	1
54/ 53	-	• 5	. 2	. 4	. 6			. 3	. 1									41	41	45	
52/ 51		. 4	• 3	. 4	. 4			• 3										34	34	42	
50/ 49		. 8		1.0	. 8	1.6		.1										59	59	32	
43/ 47		1.2	• 3	. 2			-											55	55	42	
46/ 45		. 5	• 3	1.6	1.5	1.3	. 2											51	51	62	
44/ 43		1.4	1.2	1.1	1.2													59	59	41	
42/ 41		• 3	1.1	1.3	2.0	. 8	. 1											52	52	60	
4 / 39		• 3	1.1	. 8	1.0	. 8												36	36	79	
30/ 37	. 1	. 4	. 9	1.3	1.2	• 2												38	38	56	
36/ 35		2.0	2.0	1.7	1.0	• 1												64	64	68	
34/ 33		2.4	1.3	1.4	. 2	. 1								L				50	50	60	
32/ 31		• 6	• 5	1.0	. 2													22	22	69	
3 / 29		1.6	1.0	1.1														34	34	58	
201 27	• 1	• 5	1.7	. 6	. 1													29	29	35	
26/ 25		1.1		• 3														22	22	31	
24/ 23		• 2	• 3														1	5	5	33	
22/ 21			• 1														1	1	1	15	
2 / 19		• 3	• 1											1				4	4	6	
15/ 17																				3	4
16/ 15																					4
14/ 13														L			1				- 2
Element (X)		ZX'		Σχ			X	₹ _A		No. Ob	١.		Mean No. of Hours w				_	_	_		
Rel, Hum.												10	F	1 32 F	• 6	7 F	• 73 F	• 80 F	• 93 F		Total
Dry Bulb																					
Wet Bulb																					
Oew Paint																			1	1	

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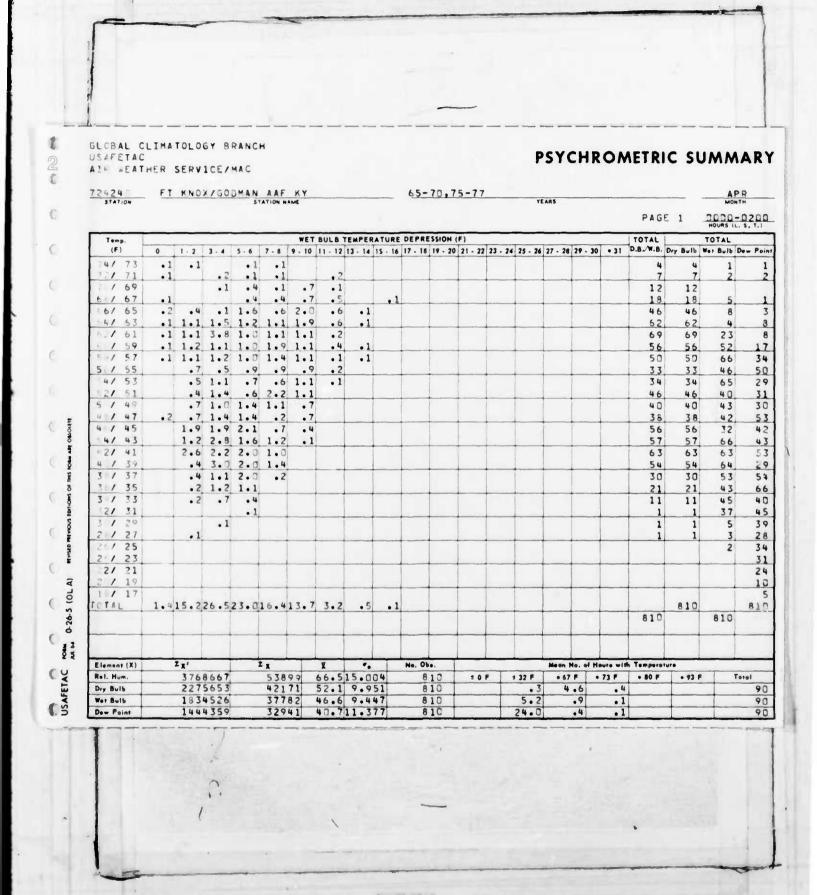
1 GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIP WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 724240 STATION MAR 65-70,75-78 YEARS 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 12/ 11 23 10 5/ 7 11 31 4 3 1 4/ 1 .416.616.916.314.613.911.3 5.8 2.6 1.0 .3 OTAL 930 930 . 2 930 930 EDITIONS OF B 0 0 0.26-5 1 2 56.019.296 Meen No. of Hours with Temperature Element (X) ZX No. Obe. USAFETAC 52089 132 F 11.7 ± 67 F + 73 F Rel. Hum. 3263377 930 - 80 F 2 0 F 43660 6.0 2192764 46.912.411 930 Dry Bulb 1.6 • 1 93 1585337 37203 40.010.223 930 25.0 93 Wet Bulb Dew Point 1006298 28378 30.512.292 930 93

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY 65-70.75-78 MAR 0 PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 70/ 71 5 .1 1 69 0 6 / 67 12 . 3 • 3 .1 • 5 12 66/ 65 . 2 .2 . 2 . 2 641 63 . 1 9 9 0 1.0 521 61 28 28 . 2 6 / 59 . 8 . 5 37 37 .6 11 5=1 57 .6 . 5 . 9 .6 13 33 33 25 0 5 / 55 . 2 . 9 . 6 .6 . 6 • 3 31 31 28 6 64/ 53 .9 1.2 • 3 47 47 38 .1 1.2 1.1 . 4 52/ 51 .5 • 6 40 21 40 30 0 . 4 5 / 49 . 9 . 4 . 9 37 37 30 .3 1.1 1.3 . 9 40/ 47 45 44 19 1.1 40/ 45 . 8 .9 1.5 1.3 51 44 51 44/ 43 .1 1.2 .9 1.8 1.2 54 54 42 30 33 36 42/ 41 1.1 2.2 1.7 1.3 60 60 50 4 / 39 1.2 1.8 1.6 2.0 . 1 63 63 48 3-1 .6 1.3 1.7 1.6 51 31 51 86 3 6 / 35 2.7 2.3 1.8 65 65 36 34/ 33 3.8 1.4 1.7 64 79 64 32/ 31 .5 2.0 1.1 35 35 83 73 51 3 / 29 .1 1.3 1.8 34 34 62 21/ 27 .1 1.9 1.8 41 . 5 41 49 66 21 / 25 1.6 2.0 35 35 39 24/ 23 .8 1.1 17 52 17 48 22/ 21 . 4 9 9 23 / 19 12 56 14/ 17 0-26-5 (OL A) 1 / 15 . 3 39 32 13 14/ 13 1./ 11 9 10 m Element (X) ZX Mean No. of Hours with Temperature USAFETAC 167 F + 73 F + 80 F + 93 F Rol. Hum. 1 32 F 2 0 F Dry Bulb Wet Buib Dew Point

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS STATION STATION NAME 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 4/ TOTAL .824.524.217.615.110.2 5.4 1.3 930 930 . 8 . 1 930 930 0-26-5 (OL A) ZX Mean No. of Hours with Temperature ZXI No. Obe. Element (X) USAFETAC 62.817.545 43.111.736 37.910.225 3955492 1853690 Rel. Hum. 58418 930 1 32 F + 67 F + 73 F 40064 17.7 930 2.6 Dry Bulb 1430178 930 31.3 93 Wet Bulb 28150 30.311.991 930 Dew Point 985632 57.3 93

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR LEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 0 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin . 0 .0 82/ 31 .0 . C 9 .1 .0 7 -/ 77 • 1 .0 17 17 .0 0/ 75 . 2 .0 31 31 4/ 73 . 1 . 1 • 1 . 2 . 1 . 1 . 0 60 60 1 71 80 80 .0 . 3 / 69 • 1 . 2 . 3 . 1 . 1 - 0 88 88 .0 6 / 67 ·C .1 .1 . 2 115 115 6/ 65 . 0 . 2 • 1 . 2 144 144 . 2 . 4 1.41 63 . 4 • 3 177 177 45 -21 61 59 • 3 . 5 . 4 . 4 .5 . 4 • 5 . 2 231 231 13 1 59 251 251 . 6 131 22 • 5 . 5 1 / 57 . 1 . 6 .6 . 3 . 6 .2 . 2 255 255 217 77 5 / 55 . 4 . 4 . 7 . 6 • 3 . 1 268 268 261 118 . 9 4/ 53 . 1 • 5 .6 . 7 322 . 7 322 172 • 1 . 9 294 241 52/ 51 . 5 • 7 • 5 . 6 . 3 294 186 • 7 50/ 49 1.0 . 4 . 6 . 9 . 5 . 1 309 309 272 181 4 / 47 .6 .7 1.2 1.2 352 352 355 186 .5 1.1 1.1 4 / 45 . 9 . 9 351 351 • 3 351 254 04/ 43 . 9 .8 1.2 1.1 353 353 342 218 02/ 41 1.0 1.1 1.5 1.4 395 395 339 243 . 1 4 / 39 . 1.2 1.9 1.3 1.2 428 428 448 231 3-1 37 1.3 1.3 1.3 . 2 365 365 467 307 30/ 35 2.0 2.1 1.3 426 524 314 426 34/ 33 .7 3.6 1.8 1.3 501 501 523 316 BENISED 1.9 1.5 .9 500 12/ 31 322 322 622 3 / 29 .0 1.5 1.5 269 269 582 . 7 427 . 1 2:1 27 . 1.6 1.3 242 242 332 509 30/ 25 20 .1 1.4 1.4 213 213 298 411 24/ 23 1.4 150 255 359 150 0.26.5 • 3 199 2/ 21 .0 1.0 95 95 407 1 19 .8 73 73 127 374 18/ 17 . 3 345 76 • 0 28 28 308 Element (X) Mean No. of Hours with Temperature - 80 F Rel. Hum. 1 0 F 1 32 F # 67 F . 73 F • 93 F Total Dry Bulb Wet Bulb Dow Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATE MEATHER SERVICE/MAC 724241 FT KNOX/GODMAN AAF KY MAR 65-70,75-78 STATION PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 - 4 5 - 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 - 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point • 1 14/ 13 6 8 220 1 / 11 .0 145 3 1 / 119 80 1 33 5 11 - / -3 3 .826.921.015.512.8 8.9 6.2 3.8 2.4 1.0 .6 .2 7254 7254 7254 7254 ₹ COL X 62.019.208 Element (X) No. Obs. Mean No. of Hours with Temperature 449560 7254 7254 30536992 467 F +73 F +80 F +93 F 42 e3 13 e2 1 e6 Rel. Hum. 10 F 1 32 F Tetel 15513966 321342 145.6 13.2 1.6 744 Dry Bulb 44.313.279 11675248 279958 38.610.956 7254 244.4 744 Wet Bulb 7933137 222463 30.712.368 7254 .7 452.8 744 Dew Point



GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 APR STATION 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 7 / 59 .2 .2 . 9 14 14 3 . 1 64/ 67 8 • 1 -6/ 65 21 21 1 1.2 . 5 . 1 . 6 6 4/ 63 1.0 .7 1.0 .6 1.0 35 35 5 6 .9 2.1 . 7 2.5 1.7 61 . 1 68 68 17 6 .1 1.8 2.2 1.6 1.0 1 59 .5 . 5 63 63 44 14 5 / 57 .5 1.1 1.6 2.1 1.8 1.1 • 1 68 68 54 39 .9 1.0 1.0 5(/ 55 36 36 46 37 .7 1.2 1.0 54/ 53 . 1 34 34 55 37 . 9 -2/ 51 . 5 . 5 17 17 50 32 49 1.2 1.0 1.1 1.5 45 . 7 45 38 34 .1 1.5 1.5 2.1 1.0 52 48/ 47 46 39 . 1 . 1 52 . 9 1.8 1.0 1.6 4:/ 45 47 47 32 52 .1 1.7 2.7 1.5 2.0 3.2 1.4 94/ 43 56 . 7 . 1 56 46 37 53 42/ 41 53 60 43 .1 2.1 3.3 1.0 4 / 39 57 57 64 35 301 37 1.6 2.8 1.5 50 64 49 50 34 / 35 .9 2.6 1.5 40 40 54 53 34/ 33 .9 2.1 30 30 34 55 . 7 2/ 31 .4 .7 10 10 52 53 . 4 28 30 28/ 27 . 2 40 6 25/ 25 . 1 5 35 24/ 23 22 2/ 21 24 14 18/ 17 16/ 15 3 14/ 13 2 TOTAL 1.823.431.321.712.7 7.5 1.1 811 811 . 1 811 811

No. Obs.

811

811

811

BII

10 F

1 32 F

1.9

10.3

26.5

Mean No. of Hours with Temperature

90

90

90

+ 47 F

2.4

•3

70.514.352

49.610.181

45.1 9.735

39.911.441

PORM 0-26-5 (OLA) BETSE METTOUS EE

USAFETAC 100

Element (X)

Dry Bulb

Wet Buth

Dew Point

Z v I

4194674

2076802

1723786

1396276

1 1

Zx

57154

40202

36550

32348

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY 65-70,75-78 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | • 31 | 0.8 -W.8. Dry Buils Wer Buils Dew Point 74/ 73 . 2 . 1 72/ 71 . 2 7 / 69 • 7 . 1 11 11 3 . 1 3 6 / 67 . 3 25 25 . 1 .3 1.1 . 7 6/ 65 . 6 32 1 7 .7 .8 1.2 .7 1.3 64/ 63 46 45 .1 2.2 1.0 .9 1.3 12/ 51 . 3 . 6 .1 59 59 23 7 .1 1.7 1.8 1.0 1.3 1 59 53 61 61 58/ 57 .4 1.9 1.3 1.1 .8 60 53 . 8 .2 60 45 56/ 55 .9 1.2 1.0 1.0 46 46 60 33 54/ 53 •4 1.1 •7 1.6 44 44 47 .9 2.0 .8 1.3 .4 .7 2.1 1.7 52/ 51 55 50 5: / 49 1.4 57 57 42 42 41/ 47 .9 1.6 2.8 57 57 57 41/ 45 1.2 1.9 2.4 1.1 62 62 52 65 44/ 43 .9 2.2 2.3 59 59 36 . 7 .1 1.6 1.7 2.1 42/ 41 54 54 33 .8 2.7 .8 39 39 38/ 37 1.9 3.1 51 51 43 63 .4 1.4 1.4 3 1 35 30 59 78 30 .2 1.6 .6 34/ 33 21 21 43 54 12 26 3 / 29 • 3. 56 3 21 43 29 11 2/ 21 21 a 10 10) 1// 17 10 1-/ 13 1 / 11 10 PM Meen No. of Hours with Temperature Element (X) USAFETAC Dry Bulb Wet Bulb Dew Point

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY
STATION NAME APR 65-70,75-78 YEARS D600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 1 - 118 - 928 - 624 - 614 - 8 9 - 2 2 4 1 - 1 3 3 900 900 900 (F) STAL 900 900 **EDITIONS** (3 9 0.26-5 MA NA ZX 8 68 • 314 • 812 Element (X) ZXI No. Obs. Meen No. of Hours with Temperature USAFETAC 4398245 61489 900 Rel. Hum. ± 32 F ≥ 67 F + 73 F - 80 F 57.810.112 45.8 9.576 40.211.337 Dry Bulb 2414597 45721 900 2.0 4.7 90 .7 1969588 41212 900 6.7 Wet Bulb 15687 00 36164 900 25.7 90 Dew Paint

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AS REATHER SERVICE/MAC 77424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 0 7970-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 O.B./W.B. Dry Bulb Wes Bulb Dew Peint • 2 2/ 81 . 1 . 1 . 6 10 10 7-/ 77 . 1 • 1 • 3 . 9 . 3 20 20 6/ 75 27 27 .2 1.0 . 2 .9 • 2 741 . 4 . 2 29 29 . 1: . 9 44. 44. .6 1.4 . 2 69 .1 1.0 . 9 . 4 . 2 46 46 4 6 / 67 . 6 56. 56. .1 1.2 6/ 55 • 9 . 9 . 4 57 57 22 1.0 1.2 64/ 63 .6 49 49: 38. . 4 .3 1.1 1.3 52/ 61 . 9 . 4 58 58 61 17 . 6 1 59 .6, 1.1 . 6 . 8 . 1 48 48 74. 34 5 1 57 .7 .9 .4 .8 1.0 1.0 .6 49 73 . 1 49 46 5 / 55 .3 1.1 1.0 1.1 1.9 1.7 66 66 47. 44 . 8 4/ 53 . 6 . 2 1.4 1.3 • 7 48 56 43 38 52/ 51 .9 1.0 .3 2.0 1.0 54 54 47 47 5 / 49 .6 1.2 1.4 1.3 1.3 57 57 60 39 4-1 47 .9 1.2 1.7 45 45 45 68 41/ 45 .4 1.7 46 1.9 • 3 • 1 46 65 51 44/ 43 . 4 . 3 24 24 02/ 41 .2 . 8 • 3 . 1 . 2 15 15 49 53 4 / 39 . 2 . 6 . 6 . 6 18 18 54 40 3 - 1 37 .6 1.0 . 2 20 20 36 46 . 1 7 63 34/ 33 • 1 1 1 26 60 72/ 31 8 41 3 / 56 5 2-1 27 8 39 20/ 25 10) 28 24/ 23 17 0.26.5 72/ 21 11 1 19 6 18/ 17 11 Element (X) Meen No. of Hours with Temperature USAFETAC Rel. Hum. 10 F 2 32 F ≥ 67 F | • 73 F - 80 F • 93 F Dry Bulb Wet Bulb Oew Peint 6 1

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY SAFETAC AT WEATHER SERVICE MAC FT KNOX/GODMAN AAF KY 724240 65-70,75-78 APR YEARS STATION STATION NAME MONTH PAGE 2 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 14/ 13 1 / 11 TOTAL .2 7.614.213.418.016.611.4 9.6 6.1 2.1 .8 900 900. 900 900 **IDITIONS OF** 8 10) 0.26-5 X 56.017.471 No. Dbs. Mean No. of Hours with Temperature Element (X) 50358 3092106 900 Rel. Hum. £ 32 F ≥ 67 F → 73 F → 80 F → 93 F 52595 45062 1.7 3176645 58.410.707 900 23.6 9.0 1.0 90 Dry Bulb 50.1 9.235 2332872 900 1.2 90 . 4 Wet Bulb 37399 21.9 90 900 Dew Point 1678115

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72424 FT KNOX/GODMAN AAF KY 65-70.75-78 APR
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp.		WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 21															TOTAL	TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20 2	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.8. W.B.	Dry Bulb	Wet Buib	Dow Po
6/ 85						• 3			• 1		. 1	. 1						6	6		
54/ 83					-1	. 2			. 3	. 3	. 2	. 2						13	13		
52/ 81		1						• 2	. 8		1.4	.6						3.0	3.8		
- / 79								• 6	1.2	1.2	. 8		1					35	35		
7 / 77					. 1	. 2	. 4	. 4	• 8		.6		• 1	1				4.3	6.3		
76/ 75					-1	. 1	. 9	• 3	1.2	1.2	.6	.2						42	42	4	
14/ 73				• 3	• 1	. 7	. 2	. 6	1.1	. 7	.7	• 1						43	40	. 2	
72/ 71			• 1	• 3.	. 7	. 4	. 9	, 9	1.1	. 9	.2							50	50		į.
7 / 69			. 3	. 6	1.1	.6	. 3	. 9	. 7	. 7	. 1				1			47	47	4	1
6-1 67			. 9	. 6	1.0	. 6	. 8	1.3	1.0	1.2	.1							67	67	14	
66/ 65		. 8	.7	. 8	. 4.	• 6	. 7	. 8	1.4	. 4								59	59	37	1
64/ 63		-1	. 8	• 2	.1	. 4	1.1	.6	1.6	. 4	. 1							49	49	76	
62/ 61		. 9	.6	. 4	. 7	1.0	1.0	1.4	1.3	. 2	1	1]			68	68	79	2
6 / 59		. 7	.7	• 7	• 7	. 6	1.6	1.2	. 7					1				60	63	74	3
58/ 57		• 1	1.9		• 3	1.2	1.7	. 4	. 1		1							44	44	59	4
51/ 55		.7	• 3	. 4	• 1	8.	2.0	• 3										42	4.2	59	5
54/ 53			. 2		. 4	1.2	1.1	. 4										33	3 3	71	3
.2/ 51		• 3	. 3	. 4	• 1	1.6	1.1	- 4				-						39	39		
50/ 49		• 1	. 5	. 8	. 8	. 6	. 8			1								32	32	56	
4 / 47		• 3	• 3	1.0	• 8	. 1	• 3											26	26	63	-
46/ 45		• 4	. 3	• 7	. 4	. 1	. 2											20	20		
44/ 43		• 2	. 8	+ 3	• 2	.6									1	-		19	19	-	
42/ 41		• 3	• 3	1	• 1	• 2		1				- 1						13	13		
4 / 39		• 1	. 4	• 6	• 1	- 1												12	12		-
3 0 / 37			• 2		1						1	1						2	2		
3-/ 35							-					-			-					17	
34/ 33		• 1										1						1	1	,	
-2/ 31															-	-				4	. 7
3 / 20																				1	
21/ 27		-													1			-			3
26/ 25																					2
24/ 23					-		-					-								-	1
2/ 21																					1
Element (X)		Ex2			7		g .			No Ob					Maria M	-6 M		h Temperat			1
Ref. Hum.	Z _X ; Z _X						X	Me. Obs.						32 F	# 67		73 F	• 80 F	• 93		Toe or
Dry Bulb						-			-		-	: 0 F	-	32 -	- 07	-	.,,	- 50 F	- 73	-	
Wet Bulb									-				-		-	-		-	+		
Dew Point						-			-						-			-	+	-	

HOPM D.26-5 (OLA) etvis

JSAFETAC PORM

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME APR 65-70,75-78 YEARS PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 6 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 10/ 17 1 / 15 2 5.2 8.9 8.8 3.612.115.110.913.410.7 4.9 1.2 TOTAL 900 900 900 900

No. Obs.

900

900

900

900

10F

43269

57330

47331

37717

2390591 3762902

2559351

1704359

48.118.580 63.711.111

52.6 8.838

Mean No. of Hours with Temperature

•67 F •73 F •60 F •93 F 38 •1 21 • 7 7 • 6

.6

. 1

2.4

.6

22.7

Tetal

0-26-5 (OL

Element (X)

Ref. Hum.

Dry Bulb

Wer Bulb

Dew Point

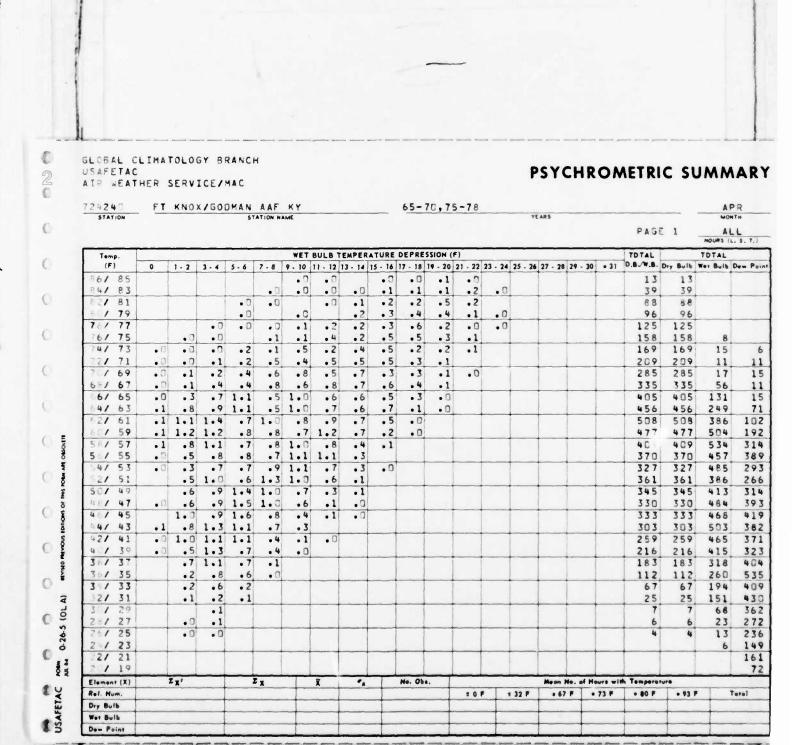
CLUBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR MEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME APR 65-70,75-78 PAGE 1 1500-1700 HOURS (L. S. Y.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./M.B. Dry Bulb Wet Bulb Dew Paint (F) . 3 -6/ 85 64/ 83 .3 2.1 . / 81 • 2 .1 .7 . 8 39 39 1 79 . 7 . 7 1.4 34 34 7 / 77 • 3 .4 1.8 1.0 • 1 37 37 .2 1.0 1.4 1.2 52 52 6/ 75 .6 • 7 14/ 73 .1 .4 1.0 44 44 3 . 6 • 6 .6 2/ 71 1.0 41 41 . 3 . 9 • 1 . 6 1 59 . 8 . 9 . 8 .7 1.2 59 59 5 .8 1.3 2.0 1.1 6.1 67 69 69 . 8 . 8 .7 .8 1.4 1.0 16/ 65 . 2 . 8 . 9 68 68 34 3 64/ 63 1.3 . 3 . 6 .7 1.4 2.0 68 . 6 68 68 77 62/ 61 . 7 .2 1.3 1.4 1.2 56 56 . 1 . 6 . 6 . 1 26 66/ 59 .2 2.1 1.3 .2 55 78 .8 1.0 5 / 57 . 2 . 2 29 29 . 4 . 3 . 7 76 32 54/ 55 .9 1.8 43 43 . 6 63 14/ 53 •1 2.0 .9 1.2 45 45 57 43 .3 1.0 2/ 51 . 9 .9 37 37 55 21 70 50/ 49 . 1 • 3 1.0 . 4 . 2 . 2 • 2 23 23 42 52 4=1 47 14 73 • 3 • 2 15 46/ 45 . 3 . 2 15 60 • 1 44/ 43 . 3 . 6 . 2 17 • 3 17 53 53 42/ 41 . 3 15 15 45 41 . 4 6 29 36 6 38/ 37 . 1 1 1 14 52 7<u>1</u> 36/ 35 34/ 33 32/ 31 56 7 / 20 50 00 28 0.26.5 11 25 26 24/ 23 21 21 2! Element (X) Zx ZI No. Obs. Meen No. of Hours with Temperature USAFETAC Ref. Hum. 10F 1 32 F + 67 F + 73 F + 80 F + 93 F Total Dry Bulb Wet Bulb Do - Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMAR** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 APR YEARS PAGE 2 1500-170 HOURS IL. S. T. TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pc (F) 1:/ 17 1:/ 15 14/ 13 1 / 11 4.6 6.4 9.3 8.7 9.913.813.012.6 9.6 7.9 4.0 .3 OTAL 900 90 900 900 Q 0.26-5 10 M ZX ¥ 46.218.759 He. Obs. Meen No. of Hours with Temperature Zx' Element (X) USAFETAC 2239208 41600 900 +67 F +73 F +80 F +93 F Tete Rel. Hum. 10F 1 32 F 23.9 40.8 3887988 58356 64.810.765 900 Dry Bulb 8 . 8 2595566 1691438 47732 37586 53.0 8.442 2.6 900 Wet Bulb 900 Dew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAR USAFETAC AIR WEATHER SERVICE/MAC 65-70,75-78 72424 FT KNOX/GODMAN AAF KY
STATION NAME MONTH 1800-201 HOURS IL. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulh Wer Bulh Dew P . 2 5// 81 - 1 1 79 17 7 / 77 . 6 21 .1 .2 .2 . 8 . 1 21 16/ 75 31 31 . 3 1.0 1.2 74/ 73 . 1 •1 1•1 40 40 2/ 71 . 8 .4 1.4 1.0 38 1 69 • 3 • 2 .6 1.0 .8 .8 1.6 60 67 2 . 6 6 / 67 .2 1.4 1.1 .2 1.3 51 51 6/ 65 .1 1.2 1.2 .4 1.2 .9 1.3 . 6 . 4 66 66 11 44/ 63 .4 .9 1.0 1.6 1.3 1.2 .6 1.3 71 71 .3 1.3 .4 .9 1.1 2.3 1.2 •6 •3 54 74 621 61 54 .9 41/ 59 1.3 1.7 . 7 • 3 77 77 71 .6 1.0 1.4 1.1 • 1 58/ 57 4 1.0 54 83 .9 .4 5 / 55 .3 1.4 1.2 47 47 4/ 53 .6 1.1 .9 1.1 44 44 69 12/ 51 52 .4 1.1 1.4 1.8 50/ 49 • 8 .2 1.1 1.3 . 7 47 47 54 41/ 47 . 2 . 8 1.1 35 35 73 41/ 45 .8 1.4 • 3 . 4 30 30 89 • 2 44/ 43 . 9 19 19 53 #2/ 41 . 1 . 6 16 37 . 3 3:1 37 . 1 6 27 17 34/ 33 14 5 12/ 31 21/ 25 0 2/ 21 21/19 No. Obs. Meen No. of Hours with Temperature Rel. Hum. 1 0 F 1 32 F • 67 F • 73 F Dry Bulb Wet Bulb Dew Paint

GLOBAL CLIMATOLOGY ERANCH PSYCHROMETRIC SUMMARY USIFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY APR 65-70,75-78 YEARS 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 17 . 12 13 . 14 15 . 16 17 . 18 19 . 20 27 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 37 D.S. W.S. Dry Bulb Wet Bulb Dew Point 14/ 13 900 ·1 7·011·312·711·114·414·213·6 8·7 5·1 1·4 ·3 900 900 8 100 0.26-5 7 52.818.556 Element (X) No. Obs. Meen No. of Hours with Temperature USAFETAC 47518 Rel. Hum. 2818402 900 267 F - 73 F - 80 F - 93 F s 32 F Total 20F 3381019 54403 60.410.142 51.0 8.495 41.611.367 900 1.7 Dry Bulb 26.5 11.6 45905 37433 Wet Bulb 2406289 900 1.5 1673071 900 20.7 Dew Paint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAR USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GOOMAN AAF KY 65-70.75-78 APR YEARS PAGE 1 2100-235 HOURS (L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Buth Wet Buth Dew P 71/ 77 • 2 - 1 6/ 75 6 6 . 2 . 3 .2 74/ 73 . 1 8 R 4 71 . 1 . 7 .3 1.0 .2 22 22 . 2 . 4 .9 1.7 1 69 • 1 36 36 6 / 67 . 1 41 41 66/ 65 .8 1.1 .4 2.0 1.0 .8 . 1 56 56 .4 1.1 1.4 1.6 64/ 63 .6 1.4 1.6 76 76 22 .3 .9 1.7 1.2 1.3 1.6 1.2 12/ 61 76 76 32 1.3 .8 1.0 .6 .8 1.2 1.0 1.0 .6 .9 1.7 .8 1 59 57 57 58 E 1 57 55 73 55 5 / 55 .2 .9 1.0 1.0 1.4 1.7 57 57 71 1.1 .9 .9 1.0 1.3 .9 2.1 1.1 54/ 53 45 45 65 .7 1.3 2/ 51 61 61 50 5 / 49 .4 1.0 1.8 .8 44 44 50 40/ 47 .6 .9 2.4 1.8 1.1 63 62 63 1.1 1.1 2.4 .6 1.1 46/ 45 57 57 68 14/ 43 .1 1.1 1.2 1.6 1.7 52 79 12/ 41 . 9 .7 1.0 . 1 30 30 65 . 4 41 / 39 17 17 65 3 / 37 .8 1.2 23 23 43 .7 .4 36/ 35 10 10 34 34/ 33 17 2/ 31 19 28/ 27 25/ 25 8 24/ 23 2/ 21 10 2 / 19 11/ 17 1// 15 .910.916.621.015.716.213.9 4.2 .4 TOTAL 899 899 No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC Rel. Hum. 3587290 54816 61.016.515 899 2 0 F + 67 F + 73 F . 80 F 1 32 F 55.5 9.614 48.7 8.821 2855981 49929 899 11.7 1.8 Dry Bulb 2197998 43740 1.2 Wet Bulb 899 . 4 41.411.071 1651439 37225 899 20.5 Oow Point



GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIP MEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.75-78 APR YEARS PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Daw Poin (F) 18/ 17 52 1:/ 15 28 14/ 13 14 1 / 11 2 .711.417.716.713.212.4 9.6 6.8 5.3 3.5 1.9 .7 .1 TOTAL 7929 7020 7020 8 0.26-5 for Element (X) ZX ZX No. Obe. Mean No. of Hours with Temperature USAFETAC 1 32 F | 167 F | +73 F | +80 F | +93 F Rel. Hum. 410103 58.418.990 7020 26489193 Tetal 10F 57.111.688 49.2 9.505 7020 23831587 400707 4.3 155.6 Dry Bulb 70.6 19.6 720 Wet Bulb 17620176 345314 7020 26.8 11.0 2.4 720 41.111.483 12807757 288813 7020 183.1 720 Dew Paint 4 .4 . 6 6 - 1

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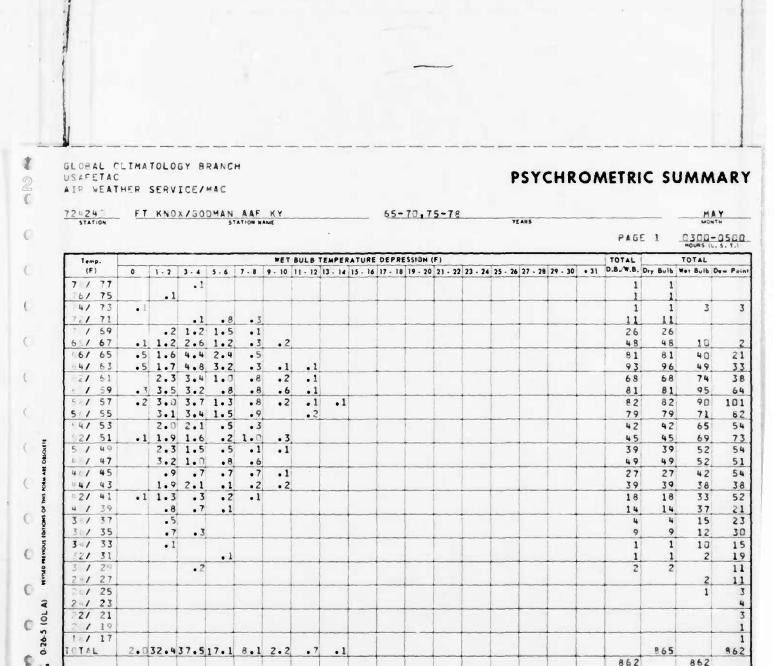
PSYCHROMETRIC SUMMARY

724243 FT KNOX/GODMAN AAF KY 65-70,75-77 MAY YEARS STATION STATION NAME 0000-3200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) .1 7:1 77 2 . 1 76/ 75 141 . 2 . 5 8 8 3 1 12/ 71 1.1 19 2.0 .8 2.3 39 39 2 1 69 2 . 8 2.0 67 3.1 1.1 77 77 25 2.2 3.9 2.4 1.3 91 91 38 66/ 65 29 4/ 63 2.2 3.4 2.2 1.2 78 79 24 621 61 2.8 2.9 3.2 1.3 1.0 . 4 . 1 100 102 94 44 .1 4.5 2.3 1.9 1.0 1 59 . 1 86 86 83 80 . 1 57 57 .1 1.3 3.1 1.1 57 89 5 8/ . 4 . I 102 5 / 55 2.4 1.6 1.0 .5 55 55 83 68 .2 1.9 1.1 1.3 .2 4/ 53 43 43 72 56 .1 1.7 1.3 . 4 2/ 51 72 34 34 50 .8 1.0 49 1.8 . 2 38 38 49 53 46/ 47 .6 1.0 . 5 30 30 36 1.6 61 33 1.3 1.2 4 1 45 .6 . 4 33 32 32 .5 14/ 43 . 8 15 15 35 38 .7 42/ 41 14 14 33 39 .8 . 1 40/ 39 2 21 .2 37 .2 12 26 35 . 1 1 9 23 3 / 33 2 1 5 23 31 .1 1 2 25 1 24/ 23 22/ 21 / 19 TOTAL 1.328.627.623.511.3 5.3 1.6 934 831 831 831 75.913.237 59.1 7.929 Z g ! No. Dbs. Mean No. of Hours with Temperature Element (X) 63059 4930551 831 Rel. Hum. 1 32 F ≥ 67 F • 73 F • 80 F • 93 F Total 49331 1.3 Dry Bulb 2970295 834 .1 16.4 2553241 45593 54.9 7.898 831 .3 3.4 9. .3 Wet Buth 51.2 9.468 831 4.8 2252714 42546 9: 1.7 Dew Point

D. 26-5 (OL. A) REVISED MENTOUS EBITIONS OF

1

SAFETAC NOM



No. Obs.

862

865

862

2 32 F

• 3

Mann No. of Hours with Temperature

± 67 F = 73 F + 80 F

. 3

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93

93

93

9.5

1 .4

AFETAC NORM

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

ZX

67659

49221

45889

43122

5436483

2861351

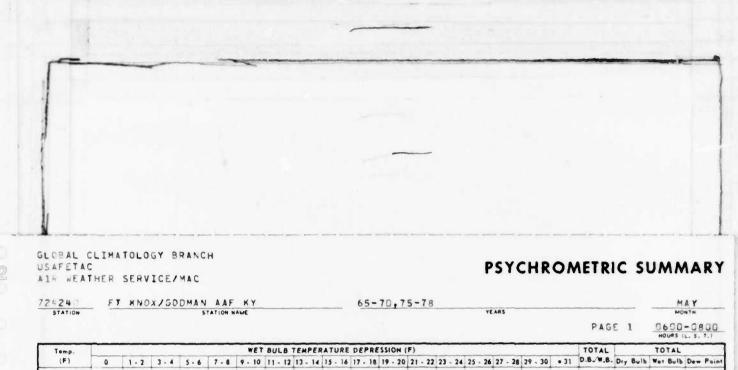
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78.512.091

56.9 8.370 53.2 8.349 50.0 9.725



																			HOURS (
Temp.										DEPRES!				-			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	- 20 21 - 2	2 23 -	24 25 - 26	6 27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pe
9 / 79			• 1		• 1							1			1		2			
7 / 77			• 1	• 1	• 2	.2	• 1		-								7	7	-	
76/ 75		• 2	• 2	. 2	.9	• 1								1			15	15	1	
74/ 73	• 1	.1	• 3	• 5	• 6	• 5	. 4					-					25	25		
72/ 71		. 4	1.0		1.0	.6	.6										46	46		
7 / 69	• 1		1.9		1.0	• 3	• 3	• 1	-			-					73	73	-	
6-1 67	• 1	• 5		1.9	1.1	• 6	• 3							1 1	- 1		69	69	30	1
6/ 65	• 2	. 8		2.3	. 4	.6	. 2		. 1					1			85	85		2
4/ 63		. 8	3.0		1.5	. 8	• 2					1		1 1	1		80	80		3
62/ 61		2.0	3.5	. 8	• 9	• 4	• 2										72	72	70	6
61/ 59		1.9	3.5	1.4	1.0	• 5	. 1							1 1			79	79	91	10
50/ 57	• 1	1.3		1.5	1.0	1.0	• 3		-				-				69	69	86	8
51/ 55			1.9	1.1	• 8	• 3		• 1			1						56	56	72	7
-4/ 53		1.0		1.0	• 6	• 3											42	42		6
2/ 51	• 2	1.0		1.1	• 3	• 3								1	1		4.7	47	54	5
5 / 49		1.4	1.0		. 4												37	37	-	6
1 47	. 1	1.9	1.6	. 9	• 3	• 1											45	45		5
41/ 45		1.0	1.5	. 8	• 2	• 1						-					33	33	48	5
44/ 43		. 4	. 9	. 4	• 3												20	20	35	4
42/ 41		. 4	. 4	• 1	. 1	• 1											11	11	31	4
4 / 39		. 1	. 4											1 1	J		5	5	20	3
38/ 37		•1	• 1									-	-				2	2	16	3
36/ 35		• 1	• 2		• 1						1		1	1 1	}		4	4	4	2
34/ 33		- 1	• 1	• 1													3	3		2
32/ 31	}													1					2	1
3 / 29												-		-	-				1	1
20/ 27	1																		1	
26/ 25												-		-						
24/ 23		- 1													1					
2/ 21	-												-	1						
18/ 17							1								-					
16/ 15									-			1	1							
1-/ 13																				
Element (X)		ZX			z _K		X	**	T	No. Obe.	_			Mean No	o, of Ho	ore with	Temperet	ture		
Rel. Hum.											2 (F	1 32 F	2 67 1		73 F	. 80 F	• 93		Total
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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AND 0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR MEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 MAY YEARS 3600-0300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B.W.B. Dry Bulb Wet Bulb Dew Poin 1.017.835,222.812.8 7.2 2.9 .2 .1 OTAL 927 927 927 927 10 0-26-5 (OL A) MO MA X No. Obs. Element (X) Zx' ZX Mean No. of Hours with Temperature . USAFETAC 2 67 F + 73 F + 80 F 5195657 73.712.951 927 Ret. Hum. 68355 = 0 F 2 32 F • 93 F Dry Bulb 3399220 55530 59.9 8.867 927 23.8 4.9 93 55.1 8.525 51.1 9.97D 51108 Wet Bulb 2885018 927 5.9 93 . 4 . 6 47405 2516245 927 Dow Point 4.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY 65-70,75-78 MAY YEARS 0 PAGE 1 0903-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 98/ 87 2 2 • 5 -4/ 83 . 1 22 . 1 . 1 22 .9 1.5 / 81 . 6 . 6 41 41 1.3 1.9 79 1.7 . 9 . 4 68 68 (.3 1.1 1.6 1.5 7 / 77 . 8 58 58 . 9 . 9 . 2 6/ 75 .4 2.6 1.7 . 8 72 72 0 .1 1.4 1.6 1.4 1.7 .2 1.6 2.3 .6 1.7 74/ 73 . 9 66 56 1./ 71 . 2 . 2 1.2 71 . 1 71 27 5 1 69 1.1 1.2 .6 1.3 .9 57 57 49 67 1.2 1.3 .9 1.3 1.3 . 4 1.0 68 68 100 21 1.2 1.0 -6/ 55 1.2 1.3 . 8 66 66 88 31 • 3 14/ 63 .4 1.0 .9 1.1 1.4 55 55 90 81 1.3 2.2 .6 • 5 67 67 62/ 61 .9 1.0 58 . 1 71 60/ 59 . 9 . 9 . 1 1 . 4 .6 . 6 . 3 . 1 51 51 82 95 5 / 57 .6 1.0 40 40 82 70 • 3 . 4 5 / 55 .2 . 9 . 5 29 .6 29 . 1 64 68 4/ 53 . 3 . 6 . 5 . 6 25 25 56 46 12/ 51 • 3 • 3 20 20 .6 . 1 48 60 5 / 47 . 3 • 3 • 3 19 19 . 5 . 1 . 1 3.8 52 4 1 47 .2 13 45 . 9 13 43 . 2 4 . / 45 . 1 6 33 36 6 44/ 43 3 • 1 . 1 • 1 19 46 42/ 41 11 41 4 / 7.0 38 11 3 / 37 1 18 35 23 34/ 33 19 ₹ 12/ 31 15 1 9 12 26.5 201 27 26/ 25 Ó 21 21 NO BA Element (X) ZX No. Obe. Mean No. of Hours with Temperature USAFETAC +67 F +73 F +80 F +93 F Rel. Hum. 10F 1 32 F Total Dry Bulb Wet Bulb Dew Point

1 SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR MEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY
STATION NAME MAY 65-70,75-78 FEARS 0 0900-1100 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 - 4 5 . 6 7 . 8 9 - 10 11 . 12 13 - 14 15 . 16 17 . 18 19 . 20 21 . 22 23 - 24 25 . 26 27 - 28 29 . 30 2 31 D.B.-W.B. Dry Bulb Wet Bulb Dew Point 0 1-/ 13 1 / 11 FOTAL .3 6.111.412.616.317.015.311.8 6.6 2.0 .4 927 927 927 927 THIS B 0 0.26-5 (MOEM A44 64 ZxI No. Obs. Meen No. of Hours with Temperature Element (X) ZX USAFETAC *67 F - 73 F - 80 F - 93 F 927 Rel. Hum. 3495718 54950 10 F 1 32 F Total Dry Bulb 4366673 63725 927 53.4 33.7 10.6 93 54818 927 3304288 20.1 Wer Bulb 2.4 93 Dow Point 2641152 48504 4 .5 93

1 1

FT KNOXZGODMAN AAF KY

STATION NAME

PSYCHROMETRIC SUMMA

HINGM

1200-14 HOURS (L. S. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew (F) 1 89 .1 . 4 8/ 87 . 2 • 3 13 6/ 85 .6 1.1 1.8 1.3 . 5 57 57 .2 1.0 2.7 3.2 1.0 6/ 83 90 90 . I .4 2.0 2.2 2.0 1.4 / 81 . 4 81 81 79 .3 1.0 1.2 1.1 .9 1.0 52 . 4 7 - / 77 . 8 50 .8 .9 1.2 .9 50 . 3 .3 1.8 .9 1.3 1.5 1.2 1.6 7 76/ 75 83 83 .8 1.4 1.1 1.1 1.2 . 5 141 . 1 . 8 68 68 15 72/ 71 . 3 .9 1.1 . 5 58 43 .2 1.5 . 8 .2 58 . 1 . 6 .1 1.3 1.3 .6 97 71/69 . 5 .5 1.4 . 2 58 58 .5 1.0 • 6 . 9 .2 1.2 1.2 54 6-1 67 . 2 . 1 112 6/ 65 .4 1.4 . 6 .8 1.5 59 59 81 . 4 . 4 . 4 • 1 4/ 63 . 3 1.1 . 4 . 5 39 39 88 • 5 • 3 . 5 .2 1.0 . 2 75 62/ 61 1.0 • 1 36 36 -0/ 59 . 9 77 . 9 . 5 . 1 . 3 . 4 .6 . 1 36 36 . 3 5 1 57 . 4 1.1 41 41 79 51 / 55 . 4 . 5 18 48 . 1 . 4 18 • 5 .2 51 . 1 • I . 1 . 1 11 11 12/ 51 41 . 1 . 1 . 1 50/ 49 33 .2 6 6 4 / 47 37 . 3 5 5 . 1 4:/ 45 24 . 1 9 04/ 43 42/ 41 3 6 38/ 37 1 3 / 33 32/ 31 251 27 26/ 25 ZX Z x ! No. Obe. Mean No. of Hours with Temperature Element (X) Rel. Hum. ± 32 F • 67 F • 73 F • 80 F • 93 F 10 F Dry Bulb Wer Bulb Dem Point

65-70,75-78

YEARS

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724247

STATION

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1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAR' USAFETAC ALR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 YEARS (1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dew Po. Temp. (F) 2/ 21 1 19 10/ 17 19/ 15 TOTAL .2 4.0 6.1 8.3 8.7 9.714.719.114.7 9.2 3.9 927 921 927 927 8 0-26-5 (OL 10 17 X ... 51.716.682 No. Obs. Mean No. of Hours with Temperature 2735997 47931 927 ±67 F •73 F •80 F •93 F Rel. Hum. Total 2 0 F 1 32 F 72.4 9.485 60.9 7.755 52.410.520 927 Dry Bulb 4941138 67106 66.8 49.8 27.5 2.2 Wet Bulb 3489951 56423 927 27.5 2643742 48536 927 3.4 Dew Point 4.3

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0-26-5 (OL A)

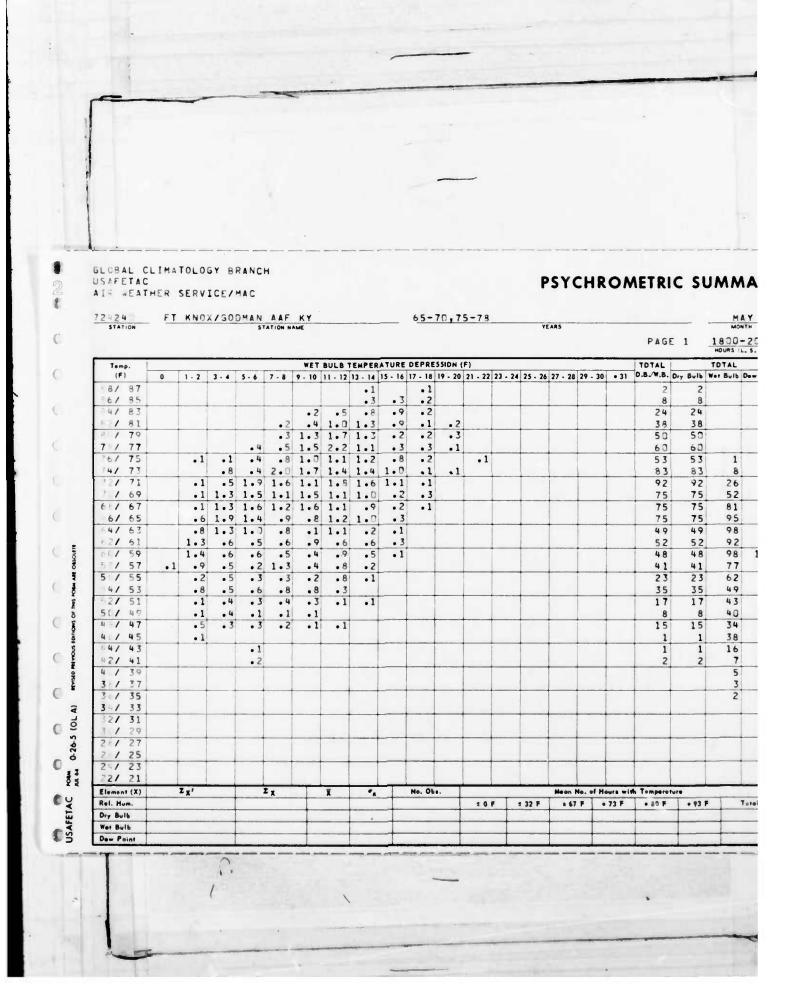
PSYCHROMETRIC SUMMA

72424 FT KNOX/GODMAN AAF KY 65-70,75-78 MA'
STATION STATION NAME YEARS MONT

PAGE 1 1500-1' HOURS (L. S.

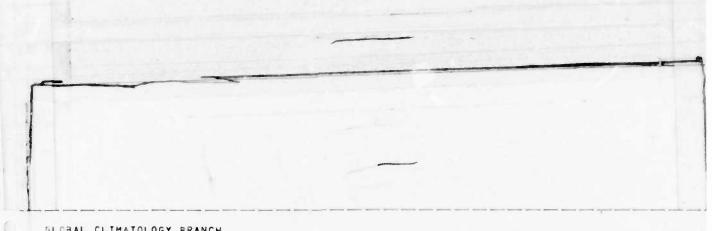
Temp.										DEPRE							TOTAL		TDTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb D
/ 89									. 2	. 2							4	4	
88/ 87							• 2	. 4	. 4	. 5	. 6						21	21	
26/ 85						• 1	• 3	1.5	2.2	1.4	. 5	. 2	• 2				60	60	
14/ 83					• 2	. 4		1.2		1.2	. 5	. 9	3				84	84	
F2/ 81					. 2		1.8	2.9	2.0	1.5	. 2	. 2					8.3	8.3	
2. / 79			• 1		• 1	1.2	1.0	1.5	• 9	1.0	. 4						57	57	
7 1 77					- 4	. 4	1.0	1.2	. 9	1.7	.6						58	58	1
76/ 75		• 1		. 2	. 9	1.1	1.2	1.4	1.2	. 8	• 5	• 3					71	71	9
74/ 73		• 1		• 9	1.4	1.2	1.3	1.3	1.9	. 9		. 1					84	34	241
72/ 71			• 1	1.2	1.4	• 5	. 3	. 5	1.1	• 1	. 2						51	51	38
2 / 69		• 1	. 4	1.4	1.4	• 9	1.2	• 5	• 8	• 3	• 3						68	68	77
6=/ 67		. 3		. 6	. 6	• 6	. 9	1.2		. 2							64	64	117
6/ 65		• 5	• 2	. 5	. 2		• 8	1.1	• 5	. 2							38	38	93
44/ 63		. 4	. 9	. 2	. 3	• 3	. 2	. 8	. 4	. 1							34	34	98
15/ 61		• 3	. 8	• 5	• 3	• 5	. 6	1.4	. 4								46	46	89
50/ 59		1.4	• 3	. 8		. 6	. 4	• 9									41	41	69
5-/ 57			• 3	. 4	. 5	• 5	- 4	• 3	• 1								25	25	69
56/ 55			. 1	• 3	• 5	• 2											11	11	52
94/ 53		• 3	• 3				• 2	• 3									11	11	49
52/ 51			. 3			• 1											4	4	37
5 / 49		• 3	• 3	. 1													7	7	40
47			. 1	• 1													2	2	32
40/ 45					• 1												1	1	20
64/ 43					• 2												2	2	4
82/ 41			1									1						1	5
4 / 39																			3
36/ 37			i																2
36/ 35																			
34/ 33				-															
12/ 31																			
3 / 29																		1	1
21/27																			
26/ 25														-					-
24/ 23																			
Element (X)		ZX'			X		X	**		He. Ob	•.					-	th Temperet	-	
Rel. Hum.						-						2 0 F	1	32 F	+ 67 F	• 73 F	- 80 F	• 93 F	Te
Dry Bulb						-										-	-	+	-
Wet Bulb													-				-	1	
Dew Point			1			1	-												

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMA AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 1500-1 HOURS (L. S PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5-6 7.8 9-10 11-12 12-14 15-16 17-18 19-20 21-22 22-24 25-26 27-28 29-20 = 21 D.8-W.B. Dry Bulb Wet Bulb Det 2/ 21 927 OTAL 4.0 5.4 7.3 9.0 8.813.218.417.410.1 4.1 1.7 .5 927 927 0 0.56-5 MON. No. Obe. Mean No. of House with Temperature Element (X) USAFETAC *67 F •73 F •80 F •93 F 70 •7 52 •4 28 •2 46883 50.616.596 67707 73.0 9.209 927 Rel. Hum. 2626151 2 0 F 1 32 F 927 5023763 61.1 7.520 Wet Bulb 3512723 56637 927 26.6 3.3 52.310.396 927 4.8 Dew Point 2637152 48496 3.8



. GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMM** AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 0 1800-PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

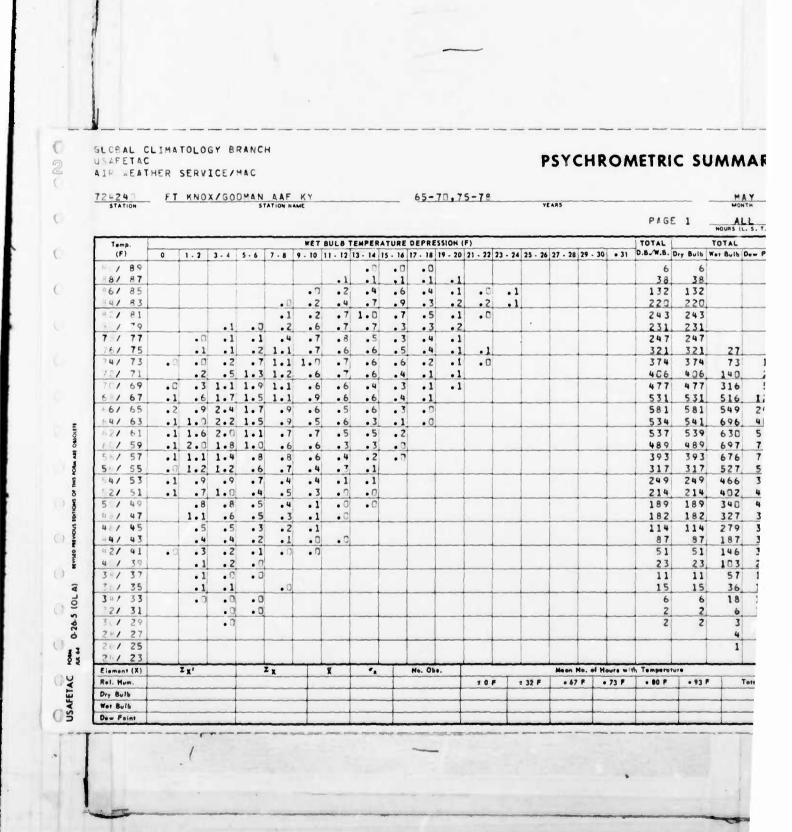
O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 O.B./W.B. Ory Bulb Wer Bulb (F) 2 / 19 / 17 .1 7.211.312.213.714.517.713.7 6.7 2.0 CIAL 927 927 927 õ NA PE Mean No. of Hours with Temperature Element (X) ZX ** No. Obe. USAFETAC •67 F •73 F •60 F •93 F 56 •2 31 •9 10 •2 54566 63293 58.916.365 68.3 8.867 Rel. Hum. 34599 14 927 2 0 F 1 32 F 4393862 927 Ory Bulb 54926 59.3 7.660 927 Wet Buth 3308772 16.9 . 9 Dew Point 2635700 52.410.054 3.2

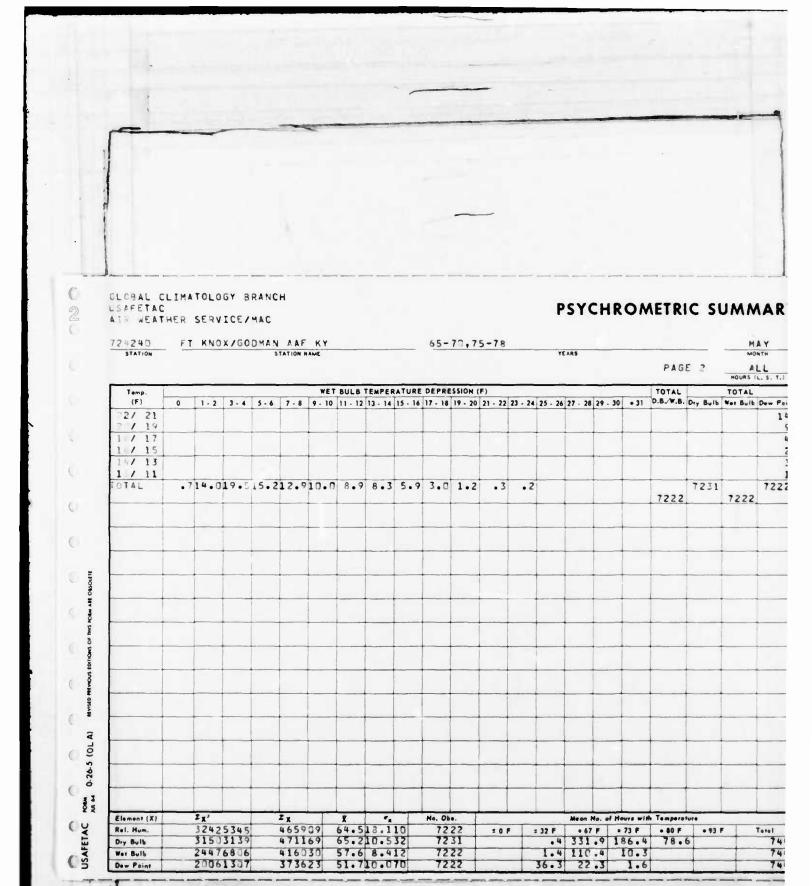


PSYCHROMETRIC SUMMA

724240 STATION	FT	KNO	X/G0		A A F					65-70	,75-78		YEAR					M /	
STATION				3	ATTON N	OME							, E AN.			PAGI	E 1	2100-	- 2
Temp.						WET	BULB 1	EMPER	ATURE	DEPRESSI	ON (F)					TOTAL		TOTAL	-
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 19	- 20 21 - 22	23 - 24 2	25 - 26 27	- 28 29 -	30 • 31	D.B./W.B.	Dry Bulb	Wer Bulb	De
8 / 79						• 2										2	2		
7. / 77					. 4	. 6	-									11	11		_
76/ 75					1.5	. 8	• 3									24	24		
74/ 73			. 4	. 9	1.6	1.3	• 1	-							-	39	39		_
72/ 71		. 4	1.0				• 4		• 1							5.8	58	1	
7 / 69		• 7	1.7			. 7	- 2	• 1					-	-		81	81	21	
68/ 67		• 3	1.9	1.6	2.7		• 3	• 1								76	76	41	
6/ 65		. 6		2.1		1.1	• 2	• 1						-		86	86	63	_
64/ 63	• 1			1.9	2.3		1.0	- 1								106	109	107	
62/ 61	• 2	-	2.7	2.0	1.5	-	• 6	• 1	• 1		-		-	-	-	96	96	78	_
58/ 57		2.2	2.6	1.1	. 8	• 7	. 1									67	67	102	
56/ 55		1.0	1.9	• 8	• 9	-	• 1	•1		1	-	-				38	38 46	75	-
54/ 53	• 1	1.3						• 1								40	40	100,000	
52/ 51	• 4	.8	1.1	. 4	1.5	-	-			-		-			-	40	40	56 60	
5 / 49		.3	1.3	. 8												35	35	37	
48/ 47		. 8	. 4	. 8	1 4	-	-	-		-			+	-	-	23	23	32	
46/ 45		.3	. 1	• 2	. 1	1										10	10	42	
44/ 43		. 4	• •	• 2	- 1					-			-	-	+	7	7	31	
42/ 41		. 1	. 2	. 2	• •											5	5	23	
4 / 39	-	• •	• 2	• 4						++			-	-	+	2	2	5	-
3 / 37				. 1												1	1	7	
30/ 35			. 1	-						++-						1	1	7	
34/ 33																•	•	1	
32/ 31														-		1		1	_
3 / 29																		•	
29/ 27																1			-
26/ 25																			
24/ 23																			
22/ 21																			
2 / 19																			
OTAL	• 7	14.9	23.5	19.0	23.0	14.2	3.7	. 8	• 2				-	-		894	897	894	
																		0,74	
Element (X)		ZX			ZX		X	**	-	No. Obs.	-		-			th Tempere	-	- 1	
Rel. Num.			4884		625			13.98		894	101	1.3	32 F	• 67 F	• 73 F	- 80 F	• 93	1	01
Dry Bulb			6837		559			7.8		897		-		30.2	7.9	•	1	-	_
Wer Bulb			9868		506			7.6		894			. 1	6.6		-	-	-	_
Dew Point		249	5980		464	70	25.0	9.4	2	894			4.0	1.9					

USAFETAC NOM 0.26-5 (OL.A) HYNE REPOS ENTO





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3 GLOSAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAI USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 JUN YEARS 0 0000-021 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 O.B. Dry Builb Wer Builb Dew F 0 (F) 84/ 83 2 . 2 . 4 9 / 79 6 6 7 / 77 • 3 .7 .6 14 14 6/ 75 .3 .3 1.1 1.4 34 34 5 .6 2.0 3.2 .7 74/ 73 59 59. 13 72/ 71 .6 1.3 4.8 3.6 1.3 .2 106 106 25 1 69 .6 2.4 6.8 2.7 2.1 133 133 69 .1 2.4 5.9 3.3 1.6 601 67 . 1 121 121 113 66/ 65 .2 3.0 6.1 2.9 2.0 129 130 130 4/ 63 2.3 3.1 1.4 1.0 73 73 116 2.0 2.7 1.4 62/ 61 129 . 4 60 60 59 6 / . 4 63 63 70 5 / 57 .9 2.1 1.1 39 39 72 .7 1.2 5-/ 55 • 9 . 1 26 26 50 4/ 53 .1 .9 47 17 17 ž 2/ 51 . 1 . 3 • 3 28 5 / 49 . 1 11 . 2 41/ 47 . 2 4 44 10 7185 46/ 45 6 44/ 43 4 42/ 41 41/ 3 3-1 37 36/ 35 2/ 31 0 TOTAL 1.418.339.226.013.1 1.9 930 8 900 900 10) 0 0-26-5 MO84 Z X IX' *, No. Ohe. Mean No. of Hours with Temperature Element (X) X USAFETAC 78.2 9.640 66.4 5.983 900 Rel. Hum. 5593985 70423 # 32 F ≥ 67 F + 73 F + 80 F + 93 F 47.7 11.7 Dry Bulb 3996790 59734 . 8 55924 62.1 6.008 59.3 6.991 3507440 Wet Bulb 900 22.5 1 - 8 Dew Paint 3207826 53362 900 12.2 .6

1 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY

AIR WEATHER SERVICE/MAC

724247 STATION	FT	KNO	X/50	OMAN	AAF					65-	70,7	5-78		YE	ARS						UN
						_												PAGE	1	0300	
Temp.						WET	BULB '	TEMPER	ATURE	OEPRE	5510N (F)				_		TOTAL		TOTAL	L. 3. 7.7
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B. W.B.	Dry Bulb		Dew Po
- / 79				• 1	.1													2	2		
7 / 77			. 6	• 3														8	8		
6/ 75			. 6	• 8	- 4	. 1	• 2											19	19		
74/ 73		. 4	1.2	1.8	• 2	.1												34	34	13	
72/ 71	. 6	. 4	3.8	1.8	. 7													65	65	14	21
1 69	. 4	3.9	6.4	2.0	• 2	. 1												113	118	43	14
6 / 67	. 4	3.0	7.3	1.7	. 9	- 1											-	121	121	95	4
66/ 65	• 6	3.4	6.7	1.6	.2													112	112	115	10
44/ 63	• 2	4.1	5.0	1.9	. 7	1												107	107	142	9
62/ 61		2.3	4.2	2.1	1.0													87	87	87	112
5 / 59	• 1	3 ⋅ 0	2.2	1.4	• 1													62	62	102	9
5 / 57		2.8	1.8	. 8	. 2													50	50	77	103
5 / 55		2.6		. 8														56	5.6	66	7
14/ 53		.2	1.4	. 7	• 2													23	23	57	4
12/ 51		•6	1.0		• 2													19	19	26	54
5 / 49			. 7		• 2													10	10	29	41
47		• 1																2	2	15	35
40/ 45		. 2																2	2	10	14
4/ 43			• 1															1	1	4	14
42/ 41			• 1															1	1	2	
4 / 39		• 1																1	1	1	
3 / 37																				2	4
36/ 35																					1
30/ 33																					
TOTAL	2 . 3	27.2	46.1	18.2	5.4	. 4	• 2												900		930
																		900		900	
							-														
																		1			
									-												
														-							
Element (X)		Z x '			t _X		T	*		No. Ob					Maria	10 of M		h Temps oft		_	
Rel. Hum.			4966		732	76	81.4		.1		00	2 0 F		32 F	# 67		73 F	• 80 F	• 93 1		Total
Dry Bulb			3457		579			6.18			40	201	- 3	32 F	36		6.3	* 80 7	• +3	-	95
Wet Bulh			7623		547			6.23			00		-	-	16		1.3				90

PORM 0.26-5 (OLA)

USAFETAC

Dew Point

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAR JSAFETAC AIR REATHER SERVICE/MAC 72424 TATION FT KNOX/GODMAN AAF KY 55-70,75-78 JUN YEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 0 31 D.B./W.B. Dry Bulb Wet Bulb Dew P (F) -4/ 83 .1 .1 .2 .3 . 1 11 9 . 1 . 2 . 2 21 21 1 70/ 77 .9 1.2 1.4 45 . 8 45 • 6 76/ 75 74/ 73 .2 .8 1.1 1.7 1.1 . 2 47 47 .4 1.7 3.8 1.3 76 76 25 2/ 71 .1 1.6 3.6 3.7 1.1 • 2 93 98 431 1 69 .4 2.4 7.3 3.2 1.3 142 61/ 67 .2 3.1 3.3 2.4 1.6 . 6 105 105 134 1.3 4.9 1.9 1.1 6/ 65 86 86 146 .1 2.4 2.0 2.2 1.3 14/ 53 . 3 76 76 98 62/ 61 1.4 2.0 1.1 • 2 52 93 9 52 2.0 2.2 1.2 6 / 59 . 3 56 76 • 3 . 1 56 5 / 57 .9 1.1 .8 27 27 55 • 9 5./ 55 1.2 . 6 • 2 5 26 26 53 54/ 53 • 1 . 7 . 6 15 15 43 2/ 51 • 3 . 1 5 19 5 / 49 . 1 . 1 15 4 0 / 47 41/ 45 44/ 43 2/ 41 4 / 39 34/ 37 36/ 35 34/ 33 2/ 31 P .917.332.124.614.1 7.0 3.0 900 95 101 900 900 0.26.5 20 M T, X I ZX Mean No. of Hours with Temperature Element (X) X T No. Obs. USAFETAC Rel. Hum. 5288922 68190 75.811.668 900 2 32 F • 67 F • 73 F • 80 F • 93 F 67.9 6.524 62.9 6.104 4185867 61097 900 Dry Bulb 55.3 20.8 2.9 3599352 56648 900 27.7 Wet Bulb 3.5 Daw Point 3254843 53737 59.7 7.178 13.6

PSYCHROMETRIC SUMMAR

724240 FT KNOX/GODMAN AAF KY 65-70,75-76

STATION STATION NAME 65-70,75-76

PAGE 1 0900-1100 Hours (L. S. T.)

Temp.					- "		BULB '									-			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 -	22 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow F
9 / 91							- 1			• 1		1	T						3			
/ 89						. 1			. 3		. 1					1		1	10	10		
8/ 87			,		. 1	. 4	. 8						2						29			1
6/ 85					• 2	1.2	1.3		. 5						1			}	48	48		
-4/ 83			• 3	. 2	. 9				1.0		+							1	74	74		1
1 81				. 6	1.0	2.8	2.2	1.7	. 8	}	. 3]	1		84	84	1	
= / 79				. 6	1.3	3.9	1.6	1.6	1.0	. 4					1		+		94	94	7	
711 77			. 8	. 7	2.3	1.9	1.6	1.0	. 7	. 2	1								82	62	16	
6/ 75			• 3	1.0	3.4	1.1	1.3	1.9	1.7	. 2						1	1		97	97	37	
74/ 73		. 1	1.9	1.9	1.3	2.3	1.4	1.3	1										93	93	65	2
22/ 71		. 4	2.1	1.6	1.4	1.2	. 6	. 4	.2	1			_					1	72	72	94	- 2
1 69	. 2	1.2	1.8	. 4	. 9	1.2	8.	.6		. 2									66	66	142	
6-1 67		• 6	1.1	. 4	1.6	. 3	.6	.7		. 1	+		1					1	48	48	128	9
66/ 55		.6	1.2	. 6			. 2	. 1	. 2										36	36	101	12
14/63		• 2	9.	. 6													1		23	23	76	-
2/ 61		- 1	. 9	. 3	. 2	. 3	. 1												18	19	79	. 7
/ 59		• 3	. 4		• 2	. 1					1	1					1		10	10	59	6
5 / 57		• 2	. 4	• 1									-						7	7	37	7
5 / 55		.1	-		- 1														3	3	23	
641-53		• 3																1	3	3	18	4
2/ 51												1									8	
5 / 49																	1				6	3
4 / 47										1							1				1	1
4:/ 45										1												1
114/ 43													1			1		1		1		1
42/ 41									,	}												
4 / 39																						
3 / 35													-									
34/ 33												1	1									
32/ 31													1			1			1			
OTAL	• 2	4.2	12.7	8.9	16.6	18.4	15.1	13.6	6.1	2.3	1.7	•	2						900	900	920	90
													1						700		730	
Element (X)		Σχ'			Z X		X	*A		No. Ol			-		-	Mean	No. of H	tours wit	h Tempero	ture		
Rel. Hum.			0543		556	01	61.3	14.7	49		00	1	0 F		s 32 F	2 6		• 73 F	• 80 F	• 93	F	Total
Dry Bulb			4948		68	74	75.6	7.1	52		00					1		61.4		0		4
Wet Bulb			0130		597		66.4				00							12.8		3		- 4
Dew Peint		338	8417		547	91	60.9	7.6	64	9	00			-	• 1	71	.7	3.3		1		-

FORM 0-26-5 (OLA) service retrous tentons or this roam are outoure att ea

USAFETAC FORM 0-26-5

1 GLUBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMAR USAFETAC AIP MEATHER SERVICE/MAC 77424 FT KNOX/GODMAN AAF KY 65-70,75-78 JUN YEARS 0 1200-140 HOURS (L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B./W.B. Dry Bulb Wei Bulb Dew Po 11 (F) · 6/ 95 • 1 1 1 / 91 .2 1.3 .6 .6 . 1 . 2 32 32 . 9 . 8 . 7 .7 46 / 89 .1 1.1 .9 46 -8/ 87 .4 1.7 1.8 2.0 1.4 . 6 • 1 72 72 1.1 1.4 2.2 1.2 1.9 82 82 .1 2.1 2.7 4.3 1.6 1.3 • 1 • 1 . 4 4/ 83 115 115 .3 1.1 1.8 2.2 1.9 2.0 .8 97 97 - / 79 .6 1.4 2.3 .8 2.0 2.6 .8 99 99 11 .3 .8 2.1 .9 .8 2.1 .3 1.0 1.7 1.0 1.7 1.0 . 9 7 / 77 • 3 .8 2.1 1.2 83 83 35 6/ 75 . 8 . 6 • 1 73 73 48 .1 1.0 1.3 .7 74/ 73 93 46 46 71 71 .6 .1 1.0 1.1 • 3 .4 .8 •7 •3 49 49: 123 . 4 .6 . 8 .6 .7. . 7 . 2 39 39 143 6 / 67 • 3 • 1 . 1 • 3 • 2 • 1 15 15 113 (6/ 65 1 • 1 • 3 • 2 16 16 91 -4/ 63 • 2 . 2 . 1 73 52/ 61 . 2 • 1 8 . 2 8 69 5 / 59 •1 •4 • 1 6 6 40 H 5-/ 57 . 3 24 . 1 5 5 / 55 3 . 3 13 4/ 53 2/ 51 6 5 / 49 48/ 47 14/ 43 P 92/ 41 4/ 10 3 / 37 0.26-5 36/ 35 34/ 33 10 to 10 ZX ZX No. Obs. Element (K) * Meen No. of Hours with Temperature ¥ USAFETAC ≥ 67 F + 73 F + 80 F + 93 F Rel. Hum. 10F 1 32 F Tetel Ory Bulb Wer Bulb Oew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM USAFETAC AIR WEATHER SERVICE/MAC

65-70,75-78

YFARS

24.7

FDITOMS OF

10 M

Dew Point

USAFETAC

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

3393342

54804

PAGE 2 1200-(F) TAL 900 900 No. Dbe. Element (X) Mean No. of Hours with Temperature 2843105 48845 Rel. Hum. 900 +67 F +73 F +80 F +93 F 10F 1 32 F 5770584 71776 900 85.6 75.3 49.3 Dry Bulb 56.7 4168978 61036 900 18.8 • 2 Wet Bulb

900

1 .

PSYCHROMETRIC SUMMA

JUN

724241 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS 1500-1' PAGE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bulb Wet Bulb Dew 96/ 95 . 3 3 3 94/ 93 . 2 02/ 91 . 2 19 19 . 8 • 2 • 3 • 3 . 1 . 1 9 / 89 .7 1.6 .9 1.2 1.1 .6 57 57 .2 1.2 2.6 2.4 1.6 1.3 88/ 87 . 2 86 86 26/ 85 .8 3.6 2.6 1.0 1.1 -1 87 87 • 1 B4/ 83 . 1 .6 1.1 1.4 3.1 1.4 1.6 91 91 .2 .3 1.1 3.0 2.4 3.0 1.4 1.4 F. / 81 120 120 .6 1.8 1.3 1.1 2.3 3.0 1.1 51/ 79 . 1 . 6 . 1 109 109 10 75/ 77 .2 1.0 1.9 .9 1.4 1.1 1.4 . 8 84 84 24 .9 1.1 76/ 75 . 3 .2 1.0 .4 1.9 . 6 60 60 44 . 2 74/ 73 . 4 1 . 3 .8 .2 1.0 .6 . 8 . 2 52 52 95 721 71 .2 1.0 .9 1.1 • 3 • 3 . 2 45 45 . 4 70/ 69 132 6-1 67 . 6 . 2 . 2 . 3 . 2 . 2 . 3 19 19 121 101 66/ 65 .2 1.0 . 3 15 54/ 63 . 2 2 66 62/ 61 69 59 . 3 . 1 10 10 34 6 / . 1 . 6 50/ 57 50/ 55 . 4 20 4/ 53 10 . 1 52/ 51 5 51/ 49 41/ 47 46/ 45 04/ 43 42/ 41 4: / 39 30/ 37 36/ 35 TOTAL 2.4 5.3 6.3 9.4 9.611.221.416.010.1 6.0 1.8 900 900 900 Element (X) Zx No. Obs. Mean No. of Hours with Temperature 48093 2770841 5825240 •67 F •73 F •80 F •93 F 1 32 F Rel. Hum. 53.414.949 900 2 0 F Te 80.2 6.901 67.9 5.464 Dry Bulb 72140 900 86.7 77.5 53.2 1.0 4177300 900 57.7 17.5 .2 Wet Bulb 61118 60.8 7.684 54703 900 3377989 21.7 3.3 Dew Point

õ 0.26.5

1

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0

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10 11

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2

0

0

0

0

HOUN 0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMA

724247 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION NAME YEARS

Temp.							BULB '											TOTAL		TOT
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 20	29 - 3	0 = 31	0.8./W.S.	Dry Bulb	Wet B
94/ 93									• 1									1	1	
97/ 91				-			• 1		. 1	. 1			[1	1			3	3	
/ 89							. 4			- 1								5	5	
-8/ 87						. 7	• 3	8	• 3	. 4	. 2							25	25	
-6/ 85					- 1	.7		1.0	. 8	. 1	. 1							36	36	
84/ 83				• 1	• 2	1.4	2.0	1.8	• 3	• 3	. 2							62	62	
9 / 81			. 2	. 2	1.2	1.8	3.8	• 7	. 8	• 2								83	80	
2 / 79			. 3	. 8	1.4	4.0	2.0	2.4	. 6	. 2	. 1							107	107	
7:1 77			• 3	1.9	2.4	2.0	2.3	2.0	. 7	• 1					i	İ		106	106	1
76/ 75			. 9	1.8	2.7	1.9	.6	1.6	. 4	.2								90	90	2
.4/ 73		. 4	1.3	2.3	2.1	1.9	1.3	. 8	. 6									97	97	1
72/ 71	• 1	. 4	1.8	2.0		1.6		.6										80	80	11
71./ 69	• 2	. 8	2.3	1.0	1.3	1.1	1.6	. 4	. 3									79	79	14
6-1 67	. 6	. 4	1.3	. 6	1.7	.6	. 2	.1	.1									50	50	12
06/ 65		. 3	1.2	. 7	.6	.8	• 3							1				39	39	11
64/ 63		. 2	• 3	. 4	• 1	. 2	. 1							1			-	13	13	8
12/ 61		. 1	• 2	. 1	• 1			. 1								1		8	8	7
61/ 59		• 3	. 2	. 1		. 3)									9	9	
51/ 57			. 3	. 1										1		1	1	4	4	1
5: / 55		. 3	. 3															6	6	1
4/ 53							-							1	-					1
52/ 51														1	}		-			1
5 / 49														1		1	1			
4 47															}					
4-/ 45									-					1		1	+			
44/ 43							}									}				
42/ 41							1							1	1	1	+			
4 / 39																				
3: / 37							-									1	+			
3 / 35																				
OTAL	. 9	3.4	10.9	12.1	15.6	19.0	17.2	12.6	5.8	1.9	.7			1	-	-	+		900	
									-								-	900		9
Element (X)		Z z'			ž x	-	¥	•	1	No. Ob	•.				Mean	No. of	Hours with	Temperate	174	
Rel. Num.			6029		559	79	62.2			9	00	10	F	1 32 F	. 6	7 F	• 73 F	. 80 F	• 93 1	F
Dry Bulb		517	4198		679		75.5	6.5	73	9	00				82	.1	61.2	26.1		. 1
Wet Bully		400	6593		598	43	66.5	5.5	31	9	30				45	.1	11.0	.1		
		40.00	2992		549		61.1				go I					.0	2.3		+	-

PSYCHROMETRIC SUMA

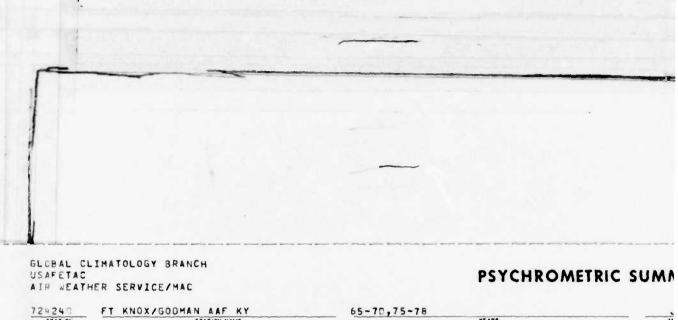
724247 FT KNOX/GODMAN AAF KY

65-70,75-78

PAGE 1 2100

TOT		TOTAL								ATURE										Temp.
Wet	Dry Bulb	O.B./W.B.	0 • 31	7 - 28 29 - 3	25 - 26	23 - 2	21 - 22	19 - 20	17 - 18	15 - 16	- 14	12 1	10 11	9.	7 - 8	5 - 6	3 - 4	1 - 2	0	(F)
	2	2											. 1	1	. 1					36/ 85
	8	8											. 1			• 3				4/ 33
	12	12										. 2	. 2	7	. 7	• 2				32/ 81
	28	28										. 2	0	6 1	1.6	. 2		. 1		/ 79
	57	57				T						. 1			3.3		. 7	. 1		70/ 77
	89	89									.1	. 3	. 7	4 1	3.4	2.7	. 7	. 3	.2	16/ 75
	100	100					1					. 3					2.4	. 6		14/ 73
1	114	114										. 4	.0	2 1	2.2	3.9	3.2	1.2	.7	72/ 71
	134	134									• 1	. 1	. 2	9 1	2.5	3.4	5.1	1.4	• 6	/ 69
	105	105									. 1	. 3	6	8 1	1.8	2.2	4 . 6		. 4	61 67
	84	84				1					• 1	. 2	_	0 1		2.4		1.2	. 4	6/ 65
_	62	62										. 2	6			1.6		1.6		4/ 63
	37	37											. 2			1.6		.7		2/ 51
	31	30											. 2			1.2		. 8		/ 59
-	11	11											. 1	_	-		. 3	• 1		50/ 57
1	19	19											3	1	. 6		. 9	. 3		50/ 55
	5	5										_			-	• 1	3			4/ 53
	2	2		}													. 1			2/ 51
					1							-	-							1 49
																				16/ 47
					1								-	1			-			46/ 45
																				4/ 43
					1	1-							-	+-						42/ 41
																				4 / 39
					+	+					_	-	-	1						3 1 37
	900										. 4	6	, .	512	21 6	25.5	24.0	0.6	2.8	DTAL
8	- 90	899	1		+ +	1					• 7	• 0		216	20.	20.3	14	,		
		677																		
						-					-	+	+	+						
	JT 0	Temperati	Hours with	Maan No. of				s.	No. Ob		•,	+	X	-	z x			Z x 2		lement (X)
F	• 93 1	. 80 F	≥ 73 F	+ 67 F	± 32 F	F	20	99	8	4	1.6	. 21		825			0839	The second Personal		el. Hum.
	3	3.3	29.6	64.9				00			5.9			715			1989			ry Bulb
			4.7	34 .1				99		_	5.8			604			1858			for Bulb
-	+		2.0	18.0		-		99			7.1			387			6049			Dew Point

1



1

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0

9

STATION STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 - 31 D.B./W.B. Dry Bulb Wet Bull 96/ 95 94/ 93 . 1 .0 .0 .0 92/ 91 • 3 . l • 1 . 1 . 1 .0 .0 . 0 57 57 1 89 118 48/ 87 . 2 . 5 . 5 . 3 .0 . 7 . 6 • 1 212 212 86/ 85 . 4 255 .6 1.0 . 6 . 1 255 • 3 54/ 83 . 1 .8 1.1 1.4 . 6 . 4 360 360 . 1 . 3 . 7 1.2 1.4 . 1 . 6 . 3 .0 406 406 . 1 9 / 79 .0 .7 . 9 . 1 .4 1.1 1.7 1.1 . 3 . 2 . 0 466 466 7 1 77 .9 1.8 1.0 479 479 91 .6 1.3 2.0 .8 75 . 2 .6 . 3 . 2 509 509 17 161 1.1 .0 4/ 73 1.5 2.5 . 4 1.2 .0 557 557 40 721 71 .8 2.6 2.2 1.2 . 1 629 629 61 1.6 3.8 1.7 1.3 1.4 3.0 1.4 1.2 . 3 . 7 739 70/ 69 . 3 .0 739 84 . 1 6 / 67 . 5 . 2 . 1 .0 584 584 96 61 65 .2 1.3 3.1 1.3 518 518 92 541 63 1.4 1.6 1.1 . 7 . 2 363 363 78 . 1 .0 62/ 61 .9 1.4 . 5 . 1 .0 270 270 68 59 1.1 1.1 . 3 246 247 58/ 57 .6 . 8 . 4 . 1 . 0 143 143 3 8 51/ 55 • 3 . 9 . 1 143 143 54/ 53 64 64 . 1 52/ 51 .2 . 1 33 . 1 . 1 33 16 16 40/ 47 6 6 46/ 45 .0 4 4 44/ 43 1 1 42/ 41 4 / 39 38/ 37 36/ 35 34/ 33 2/ 31 Element (X) EX Mean No. of Hours with Temperature Rel. Hum. 2 0 F 1 32 F Dry Bulb Wet Bull Dew Paint

C GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMA AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wat Bulb TOTAL 1.010.522.016.013.310.0 8.0 8.6 5.3 3.0 1.5 .5 .0 .0 7200 7199 7199 0-26-5 (OL ZXI ž x No. Obs. Mean No. of House with Temperature Element (X) X USAFETAC 7199 • 67 F • 73 F • 80 F • 93 F 34769237 38310073 Rel. Hum. 486232 67.516.368 10F 1 32 F 539.0 343.5 165.6 313.5 71.4 .8 .6 143.7 16.1 .2 Ory Bulb 521429 72.4 8.723 7200 466704 64.8 6.380 60.2 7.420 Wet Bulb 30548974 7199 7199 Dew Feint 26485332 433376 1 1

PSYCHROMETRIC SUMMA

72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME

65-70,75-78

YEARS

JUL

PAGE 1

0000-02

Temp.							BULB '											TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
82/ 81				. 2	• 1	. 3	-											6	6	1
9 / 79		. 2	• 5	1.7	1.4	. 3												39		
78/ 77		. 5	2.4	2.7	1.3	• 3												67	67	2
76/ 75		1.6	2.4	3.9	1.2	. 1												85	85	20
74/ 73	• 5	1.8	5.2	4.8	. 6	.2	. 2	}										124	127	76
72/ 71	. 4	3.1	6.5	4.3	1.2	. 4				}								148	148	99
7 / 69	• 1	2.1	6.8	3.0	1.5	• 3												128	128	129
61/ 67	. 2	4.0	4.8	2.4	. 6	. 2				}								113	116	154
66/ 65	• 2	2.9	3.0	1.2	. 6	• 1												75	75	119
64/ 63	• 1	2.3	2.2	1.4	. 1	. 2					1							58	58	123
62/ 61	. 2	. 9	1.3	1.2	.2	. 1	1											36	36	68
6 / 59		. 8	1.1															19	19	47
5 1 57		• 2	• 6	• 2									1					10	-	
5 / 55		. 3																11		
4/ 53		. 1	. 4															5	5	20
42/ 51						,														5
5 / 40						1)													5
4-/ 47																				
46/ 45												1								
OTAL	1.8	20.9	37.9	27.5	9.0	2.7	. 2						,						930	
									-									924		924
													1							
	-)					}	}	}				1								
							1					1								
	-																			
													1							
Element (X)		Z _X '			2 1		¥	7,		No. 01		L			Maga b	10 06 10	muse # 55	A Tempera	-	
Rel. Hum.			7331		743	37	80.5				24	10		1 32 F	• 67	-	73 F	• 80 F		F
Dry Bulb			3368		652		70.2				30		-	= 32 1	71		32.4			-
Wet Bulb			2834		610		66.1				24		-+-		48		9.9		-	-
Dew Point			0829		589		63.8				24		-+-		32		4.2	i	+	-

2

(GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMA** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 PAGE 1 0300-0! WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew 97/ 81 • 1 1 .1 1.2 1.7 7-1 77 34 1 34 76/ 75 . 9 2.1 3.8 1.5 77 79 2 .2 2.5 3.5 3.2 741 73 39 88 • 2 88 72/ 71 .3 5.1 8.1 1.7 144 145 88 7 / 69 .5 3.8 8.1 2.0 • 1 133 137 137 .7 4.0 6.3 1.0 65/ 67 116 . 1 116 143 .2 5.7 3.4 2.2 16/ 65 • 3 109 109 131 4/ 63 2.4 3.0 1.7 66 66 117 .2 2.6 2.8 .8 62/ 51 50 59 58 4 / 59 2.1 1.4 .3 36 36 70: • 5 58/ 57 .4 1.5 • 2 25 25 68 5-1 55 .3 .5 9 24 54/ 53 11 11 12 2/ 51 21 5 / 49 8 45/ 47 46/ 45 44/ 43 TOTAL 2.231.242.519.2 4.5 926 919 919 (B 10 0.26.5 100 X ZX ". No. Obe. Mean No. of Houre with Temperature Element (X) Zx 76592 63217 267 F + 73 F + 80 F + 93 F Rel. Num. 83.3 8.037 68.3 5.530 919 208 6442690 1 32 F 4344047 • 2 Ory Bulb 926 60.9 20.9 64.9 5.363 63.0 5.879 41.5 3899956 59664 919 Wet Bulb 4.3 57878 Dew Point 3676844 919 28 .6 1 .

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMA USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,75-78 JUL YEARS 0600-0 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./M.B. Dry Bulb Wer Bulb De (F) . 2 6/ 85 •1 •1 •2 6 6 4/ 83 . 1 • 3 9 2 / 81 . 3 .6 1.4 . 2 26 26 2 1 79 .4 1.6 1.9 1.1 . 1 48 48 7-1 77 .5 1.4 3.1 2.4 . 3 . 2 74 74 6 76/ 75 .6 2.8 4.3 2.3 98 98 2.0 6.0 5.7 1.2 73 . 1 741 140 140 69 3.8 6.1 4.3 1.5 2/ 71 . 4 151 151 121 71/69 2.2 5.8 2.5 1.1 . 1 112 112 164 2.5 3.4 1.2 . 4 66/ 67 • 5 151 76 76 66/ 65 .1 1.6 2.8 2.3 .2 72 72 119 64/ 63 1.3 1.8 1.5 47 73 47 .6 .9 1.0 . 3 26 56 62/ 61 26 1.2 1.4 50/ 59 53 58/ 57 • 3 . 4 • 3 43 11 11 51 / 55 . 5 27 6 6 4/ 53 • 1 14 52/ 51 5 50/ 49 4 / 47 41/ 45 44/ 43 TOTAL .117.333.928.814.4 4.2 1.2 .1 930 930 930 8 00

78.4 9.556 71.2 5.724 66.7 5.304 64.1 5.962

72941

66261

61990

59606

No. Obs.

930

930

930

930

Mean No. of Hours with Temperature

40.1

10.4

3.7

• 80 F

6.8

≥ 67 F + 73 F

74.0

54.0

36.9

0.56.5 10 M

USAFETAC

ZXI

5805687

4751423

4158132

3853320

Element (X)

Dry Bulb

Wat Bulb

Dew Point

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMM USAFETAC AIR WEATHER SERVICE/MAC 0 FT KNOX/GODMAN AAF KY 65-70,75-78 DOD-0 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) 0 D.B. W.B. Dry Bulb Wet Bulb I 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 94/ 93 3 921 91 0 01/89 .3 1.0 1.0 . 6 . 1 30 30 8/ 87 .2 1.0 2.3 1.7 57 57 .5 3.5 2.7 1.6 66/ 85 . 2 . 1 . 5 86 86 94/ 83 .4 2.3 4.3 2.8 1.7 115 115 . 1 32/ 81 .6 4.1 3.3 2.2 1.5 1.0 122 122 6 .3 1.7 3.3 2.9 1.3 1.5 PI / 79 • 3 108 108 14 78/ 77 .5 1.8 3.3 2.7 1.4 1.1 . 2 . 5 . 1 109 109 46 6/ 75 .9 3.4 1.7 2.4 1.2 .5 100 101 . 2 100 741 73 .1 1.2 1.8 1.5 1.1 1.2 • 5 . 1 70 70 177 721 71 . 4 1.4 1.0 . 6 41 41 140 • 3 7. / 69 .2 1.2 . 9 34 • 2 . 8 • 3 34 122 . 1 . 4 6 / 67 22 22 109 . 3 . 1 . 8 66/ 65 . 1 . 1 . 3 . 3 . 3 . 1 12 12 86 64/ 63 . 2 40 . 3 02/ 61 • 1 . 1 5 5 37 59 25 .1 5H/ 57 15 56/ 55 54/ 53 52/ 51 5 / 49 42/ 47 46/ 45 TOTAL .2 1.9 6.8 12.5 19.1 23.7 17.6 12.2 4.4 1.1 .3 930 930 930 0 0-26-5 0 MOEM AS 84 No. Obe. Mean No. of Hours with Temperature Element (X) •67 F •73 F •80 F •93 F 90•5 80•8 47•9 • Rel. Hum. 3809389 58481 62.911.917 930 10F 1 32 F 79.2 6.000 USAFET 73693 Dry Bulb 5872861 930 Wet Bulb 4580373 65089 930 71.6 34.5 1.4 Dew Paint 3982521 60551 65.1 6.572 930 47.4 8.5 . 4 1 1

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMN AIR WEATHER SERVICE/MAC 724240 STATION 65-70,75-78 FT KNOX/GODMAN AAF KY VEARS PAGE 1 1200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B.W.B. Dry Bulb Wot Bulb 8/ 97 . 1 1 96/ 95 9 14/ 93 .8 1.5 . 5 . 2 32 33 . 1 2/ 91 .3 1.8 2.5 1.2 . 5 63 63 . 4 1 89 .1 1.4 4.3 3.7 1.1 .6 108 105 8/ 87 2.0 4.0 2.2 94 94 . 3 .8 3.2 2.7 2.2 2.3 1.8 F6/ 85 121 . 1 121 4/ 83 .2 1.5 3.6 2.4 2.2 3.1 1.5 137 137 81 .8 1.1 1.7 2.5 1.7 221 .9 1.3 . 3 .1 96 96 1 79 .9 1.6 1.1 .3 1.2 1.6 2.0 . 3 88 88 78/ 77 . 4 . 3 .5 1.3 1.1 1.2 1.3 . 1 60 60 . 3 . 9 76/ 75 . 4 . 5 .4 1.0 . 4 39 39 174 . 1 74/ 73 . 1 .5 1.0 • 3 . 2 . 3 . 4 . 2 29 29 162 . 2 2/ 71 22 22 118 . 2 1 / 69 . 2 . 6 . 2 • 1 102 12 12 68/ 67 . 4 6/ 65 2 2 641 63 . 1 . 3 -2/ 61 . 3 / 59 5=1 57 5 / 55 4/ 53 52/ 51 5 / 49 40/ 47 45/ 45 1.0 2.6 4.3 8.713.415.122.118.4 9.0 2.9 1.3 .2 0 0 OTAL 928 927 92 0.26-5 10 2 50248

¥ 54.211.979

83.5 6.148 71.1 5.097

64.7 6.838

77488

65907

59960

No. Obs.

927

928

927

927

2 0 F

32 F

6

24

73

98

64

36

30

Mean He, of Hours with Temperature

+ 93 F

71.3

1.5

+67 F +73 F +80 F

88.0

44.0

8.0

92.1

75.9

45 . 7

0

Element (X)

Rel. Hum.

Dry Bulb

Dew Point

2856574

6505282

4709851

3921612

USAFETAC

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMN USAFETAC AIR WEATHER SERVICE/MAC 1 72424 FT KNOX/GODMAN AAF KY 65-70,75-78 1 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb 0 (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | • 31 3 8/ 97 .1 .1 . 1 3 . 3 61 95 . 3 10. 0 .6 941 93 .2 2.1 1.3 431 40 .4 1.4 2.4 3.0 1.0 21 91 81 83 / 89 .6 1.2 2.3 2.6 1.4 .8 . 2 . 8 92 94 (.1 .4 3.0 1.9 2.8 1.8 1.3 .5 1.6 1.6 2.2 2.3 1.7 .9 8/ 87 .1 107 107 6/ 85 100 100 .4 1.4 2.4 2.4 2.3 2.3 1.2 121. 34/ 83 . 3 .1. 121 0 8. / 91 .4 1.5 1.6 2.5 1.0 1.2 1.8 .1 .2 96 96 1 79 . 4 .6 1.9 2.2 1.5 1.3 .6 .6 • 1 88 38 23 78/ 77 . 1 .9 1.3 1.2 1.2 .4 .9 • 5 . 2 . 1 63 63 73 0 .5 1.0 .3 40 147 6/ 75 . 8 • 2 . 2 27 27 157 4/ 13 . 5 .6 .4 .1 721 71 . 6 • 3 . 9 28 28 (1 / 69 . 2 . 2 12 12 127 104 6 / 67 - 1 .1 .2 8 . 2 8 16/ 65 . 2 6 6 51 64/ 63 36 31 €2/ 61 . 1 1 1 THIS 59 • 1 11 5/ 57 1: 5 / 55 54/ 53 2/ 51 5 / 49 40/ 47 4./ 45 44/ 43 42/ 41 100 TOTAL 1 1.7 4.1 5.1 8.711.714.714.318.013.9 5.6 1.5 930 0.26.5 92 926 100 ZX Zx No. Obs. Mean No. of Hours with Temperature Element (X) ¥ . USAFETAC 49912 53.913.748 ≥ 67 F + 73 F + 80 F Rel. Hum. 2865128 926 1 0 F 1 32 F • 93 F Dry Bulb 6533159 77721 83.6 6.391 930 92.0 87.2 70.2 5.3

70.9 4.942 64.4 6.878

926

926

65694 59594

4683178

3879018

Wet Bulb

Dew Point

40.8

7.3

1.5

77.2

42.1

2

GLOB	AL	CLIMA	TOLOGY	BRANCH
USAF	ETA	C		
AIR	w E A	THER	SERVICE	/MAC

PSYCHROMETRIC SUMMA

72424 T FT KNOX/GODMAN AAF KY

65-70,75-78

PAGE 1

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	5510H ((F)						TOTAL	1	TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 20	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	
94/ 93								•1		. 1		-		1				3		-
02/ 91							. 2		1	. 3						1		12	12	
9 / 89					• 1	• 2	-	1.3	+	. 4	+			1		+	-	31	32	
88/ 87					1		1.6			3		1					1	47		
:6/ 85				. 1	1.0	1.9		1.1		.2			-			-		77	77	-
84/ 83			. 7	1.0	1.5	2.8		1.6		. 8						}		96	96	
F. / 81		• 1	.2	. 9	1.7					.2	• 1	-	-	-	-	,	-	110	113	
1 / 79		- 2		2.8	3.7	2.5		1.1		.1				}				119	119	
70/ 77		. 3		2.5	3.5	1.9		-			• 1	-	-	-	-	1		112	-	
76/ 75	• 2	• 3		2.7		1.1	. 6			.2	• 1							88	89	
74/ 73	• 6	. 9	1.9	2.2	- 3	1.8	9		+	• 6	-	-			-	-	-	80	4	-
72/ 71		. 4	2.6	2.0	- 6	.5												52	1	_
7 / 69		- 3		.3					-	-	-	-		+	-	-	-	36	36	-
6 / 67			• 3	. 5	1.0	- 5		• 4										21	21	
		• 4	.2					-	-			-	-	-	-		-	4	-	4
6/ 65		. 4		• 5	• 5		• 1											18	18	,
4/ 63		• 1	• 4	• 1	-			-	-	-			-			1		9	-	
2/ 61				• 2	• 2	. 1												5	5	1
6 / 59									-					-	-	-				2
5. / 57			• 1													1		1	1	1
5 / 55							-		-						-	-	1			
4/ 53														1	1	1	1	1		
52/ 51									-					-			-			
5 / 49											1									
47									-											
4 / 45														1		1	İ			
42/ 41																				
OTAL	• 2	3.5	9.8	15.9	18.0	18.1	14.0	10.6	6.5	2.7	. 5								930	
																	1	927		92
																				-
																		-		
fament (X)		2 x 2			ž _X		¥	•,		No. Ob					Meen	No. of H	ours wis	h Tempero	ture	
el. Hum.			6099		593		64.0	(-	- 1		27	10	F	1 32 F	2 67		73 F	• 80 F	• 93	
lry Bulb			0675		732		78.7				30				89		77.8		5	. 3
For Bulb			4516		646	70	69.8	4.9	80	9	27				1		29.9	•	5	
ow Point		395	5770		602	70	65.0	6.3	47	9	27				4 5	.9	8.0		1	-

MA 0-26-5 (OLA)

USAFETAC

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

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0.26-5 (01

PSYCHROMETRIC SUMM

YEARS

2100-PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 27 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb ! 6/ 85 . 2, 3 .2 1.1 2.6 1.9 1.0 2.2 2.8 1.1 • 2 1 31 56 56 1 79 1.1 69 69 7: / 77 .2 3.1 2.2 3.7 1.2 • 3 100 100 .1 1.7 2.8 5.4 3.5 1.2 .1 2.4 3.9 6.0 1.7 1.5 43 "6/ 75 142 143 74/ 73 148 149 113 .9 5.6 2.7 2.6 1.0 1.4 4.3 2.5 1.0 .9 _/ 71 120. 120 117 94 1 / 69 • 1 94 147 6 / 67 .1 1.6 2.4 .9 1.2 60 60 154 . 1 1.2 1.7 2.1 .6 16/ 65 • 3 56 134 56 93 4/ 63 .5 .6 1.0 .1 .1 22 .4 .3 1.2 .2 .3 .3 52/ 61 19 19 43 1 59 10 49 10 5 / 57 .2 .2 .2 6 6 19 50/ 55 . 1 . 1 18 4/ 53 10 52/ 51 5 / 49 47/ 47 4-/ 45 .511.126.828.220.710.3 2.1 928 926 926 No. Obs. Mean No. of Hours with Temperature 75.310.351 69707 926 +67 F +73 F +80 F +93 F Rel. Hum. 5346479 = 0 F 73.1 5.415 67.7 5.150 Dry Bulb 4985644 67834 928 81.5 50.0 11.4 17.3 Wet Bulb 4262680 62646 926 59.3 3903279 59859 64.6 6.049 40.4 Dew Point

65-70,75-78

PSYCHROMETRIC SUN

724240 FT KNOX/GODMÁN AAF KY

65-70,75-78

PAGE 1

HO

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TO Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 0 31 | D.B./W.B. Dry Bulb Wer (F) .0 .0 4 981 97 . 0 4 96/ 95 . 1 19 19 . 5 94/ 93 .1 .0 78 79 . 7 92/ 91 . 6 .0 164 166 . 1 1 89 . 1 . 2 .5 1.1 . 9 . 4 . 2 .2 261 264 .0 8/ 87 .4 1.1 1.1 . 0 305 306 . 1 . 3 .0 .0 .4 1.3 1.1 . 9 46/ 85 . 9 . 5 393 393 . 1 1.2 . 9 94/ 83 . 1 • 3 .9 1.8 1.0 . 4 .0 497 497 . 1 . 5 12/ 81 .6 1.6 1.6 1.3 . 7 513 513 . 4 • 1 . 0 . 1 1 79 . 4 . 1 .4 1.5 2.1 1.5 . 6 . 7 . 2 .0 565 565 . 1 781 77 .0 . 3 1 . 4 2.0 2.2 1.1 . 5 . 2 . 1 .0 619 619 76/ 75 673 .7 1.7 3.1 1.8 . 3 . 2 669 . 1 . 8 . 1 4/ 73 .1 1.3 2.9 3.2 710 . 8 . 4 . 2 . 1 706 721 71 .1 1.7 3.9 2.1 1.0 . 4 . 3 716 717 . 1 .0 .1 1.3 3.4 1.3 0/ 69 . 7 561 565 1 . 4 • 1 . 1 . 9 426 1 601 67 .1 1.6 2.2 . 5 . 3 423 66/ 65 1.5 1.4 . 4 . 1 350 350 • 1 1.1 4/ 63 .9 1.1 . 7 . 1 215 215 . 1 . 5 .7 62/ 61 . 1 154 154 59 • 5 94 94 . 6 . 1 . 1 53 - 1 57 53 . 1 . 4 50/ 55 27 27 4/ 53 . 1 17 17 . 1 2/ 51 . 1 6 6 5 / 49 48/ 47 41/ 45 44/ 43 2/ 41 LATOTAL .611.120.517.712.910.6 8.2 7.5 5.9 3.3 1.2 7432 7409 Z_X 511589 Element (X) ZX No. Obs. Mean No. of Nours with Temperature 67 F 073 F 080 F 093 F 652.3 481.3 253.4 10. 37149377 69.015.693 7409 Rel. Hum. 10F 2 32 F 43396459 564615 76.0 8.146 7432 10. Dry Bulb 34891520 506740 68.4 5.608 7409 500.2 191.2 5.1 Wet Bulb 30963193 476649 64.3 6.348 7409 317.9 48.5 Dow Point

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USAFETAC NOW 0-26-5 (UL

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GLORAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUM AIR WEATHER SERVICE/MAC 724247 STATION FT KNOX/GODMAN AAF KY 65-70,75-78 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOT 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 •31 D.B. W.B. Dry Bulb Wet B a / 79 .1 .1 .2 4 4 .4 1.2 7:1 77 25 25 76/ 75 1.1 3.9 4.3 1.0 103 103 • 2 4/ 73 .1 2.9 5.9 5.2 1.5 154 154 • 1 129 71 2.3 6.4 3.6 1.0 .6 129 721 7 / 69 3.4 5.4 2.2 .8 114 114 .2 3.8 5.2 1.1 1.4 6 1 67 113 113 66/ 65 2.6 4.0 1.8 82 82 64/ 63 .2 2.2 2.3 1.8 . 9 68 68 1 21 61 .4 2.5 1.4 50 50 1.0 1.8 1.1 . 2 59 . 1 39 6 1 39 5 / 57 .3 1.0 . 4 18 18 5 / 55 . 9 • 5 14 14 • 1 4/ 53 • 5 . 1 8 8 92/ 51 . 4 • 3 • 1 45/ 47 44/ 43 42/ 41 4 / 39 TOTAL .921.547.324.4 8.7 2.8 1.4 929 929 0 0.26-5 10 M Meen No. of Hours with Temperature Element (X) X "x 79.6 9.759 68.7 5.628 64.6 5.691 Rel. Hum. 929 5975574 73954 3 0 F 1 32 F • 47 F • 73 F • 80 F • 93 F 63857 929 4418759 64.3 28.6 Wet Bulb 3906867 60013 929 41.9 3.0

62.1 6.644

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USAFETAC

Dow Point

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PSYCHROMETRIC SUM

65-70,75-78 YEARS

PAGE 1

Temp.								TEMPER										TOTAL	1	TO
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry Bulb	Wet
78/ 77			. 1															1	1	
"6/ 75		• 3	1.2	2.3	• 5													40	40	
74/ 73	• 1	2.0	5.6	3.1	. 4	• 5												110	110	
72/ 71	. 2	4.6	6.7	2.3	1.4	. 2												143	143	
/ / 69	• 2	5.9	6.3	2.3	.6	. 3												145	145	1
5-1 67	• 3	3.9	5.6	. 6	• 2	. 4	. 4											107	107	1
66/ 65	• 2	4.5	3.7	1.2	• 2	. 4												95	95	
14/ 63	• 1	2.8	3.8	1.4]	75	75	1
12/ 61	.4	2.2	2.3	1.0		• 1												5.5	55	1
1 59		1.5	3.2	1.5	• 2	• 1												61	61	
5. / 57		1.8	1.5	. 8		• 2												40	40	
5 / 55		1.1	. 9	• 1		• 2												21	21	
4/ 53		1.3	• 1									-	1					13	13	
2/ 51		. 5	1.1				1											15	15	
5 / 49		• 2	. 1				1						1			-		3		
4 / 47		• 3																3	3	
46/ 45														-		1	1	1	-	
44/ 43													}							
2/ 41							-							-			-	+		
4 / 39													j]			}		
3 / 37							-					-	-	-		-	-	-		-
OTAL	1.5	33.1	42.1	16.5	3.7	2.6	. 4												927	
					-	-						-				-		927		9
																		,		1
														-	-	-	-			-
																		1		
-							-							-		-	-	-		-
							-	-	-			-		-	-	-	-	-		-
		-	-			-	-					-	-	-	-		-	-	-	-
	-					-	-	-		-		-				-	-	-		-
Element (X)		z _{x'}			z _X		X	•,	_	No. Ob	. 1		l	<u> </u>	Meen	No. of H	oure wit	A Tempere	ture	_
Rel. Hum.			6513		764	13	82.4		64		27	10	p	1 32 F	• 67		73 F	- 80 F	• 93 1	F
Dry Bulb			7442		619		66.8				27				54		15.1			
Wet Buth			6821		587			5.9		9	27				35		1.0	1		
Dew Point			4657		567	1		6.7			27		-			.8	- 2	1	+	

NORM 0-26-5 (OLA)

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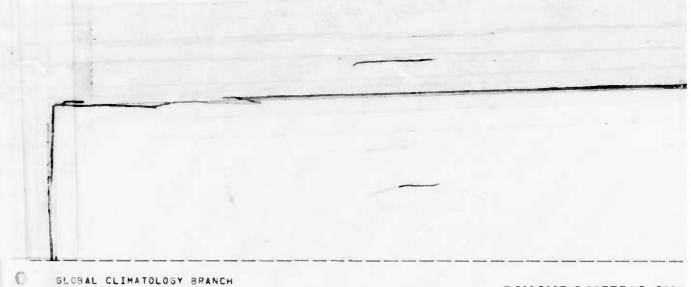
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GLOBAL CLIMATOLOGY BRANCH USAFETAC

72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME

AIR WEATHER SERVICE/MAC

USAFETAC



PSYCHROMETRIC SUN

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.75-78

YEARS

PAGE 1 06

Temp.								TEMPERA												TOTAL		_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	5 - 16	17 - 18	19 - 2	20 21	- 22	23 - 24	25 - 20	6 27 - 2	8 29 -	30	• 31	D.B./W.B.	Dry Bulb	I
06/ 85								• 2												2	2	1
94/ 83					. 1			. 1												2	2	1
2 / 81			- 1	• 3	. 8		. 4					1	- 1							15	15	
a / 79		. 1		. 5	5															11	11	ı
7 / 77		• 1	. 6	1.7	• 5	1.1	. 1					1			1	1				39	39	Ĭ
76/ 75		. 6		2.0		. 3		• 2												66	66	
74/ 73		1.9	4.6	4.5	1.1	1.1	. 3									1	1			126	126	
72/ 71		4 . 5	5.8	4.0	. 6	. 4	. 1	.1												145	145	1
1 69	. 3	4.6	5.2	1.7	1.0	. 4	. 2													125	125	Ī
6 / 67	. 8	4 . 7	3.9	1.7			. 0	. 1												126	126	
6/ 65		1.9	3.2	1.9	• 5		• 1						Ì							72	72	1
64/ 63		2.0	2.2	1.5	. 3	. 1	. 1								1					58	58	
62/ 61	• 2	1.2	2.0	1.2	• 5															48	48	Ī
- / 59		1.0	1.8	1.0		. 1														36	36	l
58/ 57		1.3	1.1	. 9		• 1														31	31	Ĭ
5 1 55		• 5	. 4	. 2																11	11	l
54/ 53		. 9	• 1	. 1																10	10	į
2/ 51		• 1	. 4																	5	5	ı
5 / 49			. 1																	1	1	I
4 / 47																						l
4 / 45																						Ì
44/ 43																						1
4 / 39																						I
3 2 / 37																						l
OTAL	1.3	25.6	34 . 4	23.4	8.2	4 . 1	2.3	. 8													929	Ì
																				929		l
																						Ī
												1			-	-	-	-				1
d und on the																						1
												1				1	1	1				Ì
												+	+			-	-	+				-
foment (X)		Z x ²			z x		Ī	7.		No. Of		1			_	Meen	No. o	f Hour	• wid	Temperat	u10	1
Ref. Hum.		599	2357		739	23	79.6	10.89	3	9	29		10 F		≤ 32 F	. 6	7 F	• 71	F	• 80 F	• 93	F
Dry Bulb		444	1568		639	98	68.9	5.94	5	9	29					6	5 .8	26	5.1	2.0	5	
Wat Bulb		391	8707		601			5.73		9	29					4	2.9	- (4.7			Ī
Dew Point		362	7735		577	27	62.1	6.61	B	C	29					2	8.5		1.0			ı

POSM 0-26-5 (OLA) BETHE METOUS EBTIONS OF THIS FORM ARE OSCICLED.

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USAFETAC

PSYCHROMETRIC SUN

724241 FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PAGE 1

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Temp.							BULB .											TOTAL		T
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 10	19 - 20	21 - 22	23 - 24	25 - 26	27 - 26	29 - 30	+ 31	D.B./W.B.	Dry Bulb	We
46/ 95												• 2						2	2	
04/ 93											. 4	}						4	4	
92/ 91									1	. 1								1	1	
01/89								. 8	. 1	. 3	. 2					1]	13	13	
18/ 87						• 3	1.8	• 2	• 5	• 1								28	28	1
-61 85				- 1	. 8	2.5	1.9	• 8	. 4		.1							61	61	
4/83				• 9	1.3	3.2	1.5	. 9	• 2		. 3							77	77	1
8. / 81				1.3	2.6	2.8	1.4	1.1	. 4	.2								91	91	
2 / 79			• 3	2.5	3.8	2.0	1.6	1.6	• 2	• 2	• 1							115	115	,
7=1 77		• 1	1.0	2.3	3.5	1.9	1.7	. 5	. 5	. 1								109	139	
76/ 75		• 2	1.7	2.5	1.6	1.7	1.6	1.3	• 5	• 1								105	105	
74/ 73		.6	1.7	2.0	1.5	2.3	. 9	. 9	. 1									93	93	
72/ 71	. 1	1.2	2.6	1.2	1.6	1.4	1.8	.6	. 1									99	99	1
71/69	• 3	1.2	1.7	. 5	. 3	1.3	- 5	.1										56	56	
6 1 67		• 5	. 4	. 3	. 8	1.6	• 3	• 1										38	38	
6/ 65		.6	. 3	• 3	. 6	. 4												22	22	
64/ 63		. 1	.2	• 1	• 3	•1	-1									1		9	9	-
12/ 61				. 3		.1												4	4	
1 / 59				. 1												1		1	1	
5 -/ 57			. 1	. 1														2	2	4
50/ 55			-				-							-		1		1		-
4/ 53																				
52/ 51						-								+		1		1		1
5 / 49																				
40/ 47																1		-		-
44/ 43																				
42/ 41																1		1		-
4 / 39																				
OTAL	- 4	4.6	10.1	14.5	18.7	21.7	15.3	8.8	3.2	1.2	1.2	• 2		-		-		1	930	
																		930		
Element (X)		Zx'			z x		X			No. Ob	8.				Meen	No. of H		h Tempera	ture	
Rel. Hum.			6382		598	76	64.4			9	30	10	F	9 32 F	2.67	7 F .	73 F	. 80 F	+ 93	F
Dry Bulb		555	6318		716	617	77.1	6.1	07	9	30				89	-2	69.9	33.	7	. 6
Wet Bulb		438	2695		636	43	68.4	5.4	30	9	30		1		62	.8	24.9		1	-
Dew Point		380	6977		591	33	63.6	7.1	18	9	30				30	.9	4.7		1	-

'AC NOW 0-26-5 (OL A) REVISE MENDUS EBITIONS OF

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USAFETAC POPE

PSYCHROMETRIC SUI

YEARS

724247 FT KNOX/GODMAN AAF KY
STATION STATION NAME

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65-70,75-78

PAGE 1 1

10 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 12 . 14 15 . 16 17 . 18 19 . 20 21 . 22 22 . 24 25 . 26 27 . 28 29 . 20 . 21 D.B.W.B. Dry Bulb We (F) 98/ 97 2 6/ 95 04/ 93 .2 1.1 17 . 2 . 3 17 92/ 91 24 24 .2 1.3 3.3 1.9 72 72 89 . 8 . 1 . 1 91 88/ 87 1.2 2.5 2.8 2.0 91 . 4 • 3 95/ 85 .9 2.3 3.1 2.3 1.5 1.4 112 112 . 3 24/ 83 . 3 .5 2.3 2.6 1.9 2.3 102 102 .5 1.9 1.9 2.3 2.2 2.3 1.2 81/ 81 . 1 • 3 118 118 .5 1.4 1.9 2.0 1.8 1.2 1.5 99 99 78/ 77 1.0 1.2 1.8 .9 1.0 2.0 1.0 84 84 6/ 75 72 .2 1.3 1.1 1.3 • 5 .9 1.7 .9 1.8 . 4 74/ 73 . 5 .4 1.1 .8 . 1 . 1 57 57 . 9 • 1 2/ 71 .6 • 1 31 31 . 6 11/69 . 4 . 4 . 1 . 1 . 1 . 8 • 1 . 1 21 21 6 / 67 15 15 3 16/ 65 3 . 1 64/ 63 -2/ 61 . 1 1 / 59 58/ 57 51/ 55 -4/ 53 2/ 51 5 / 49 48/ 47 46/ 45 44/ 43 4 / 39 TOTAL .2 2.2 4.3 6.3 8.413.118.319.114.7 8.2 3.1 1.9 937 930 Element (X) ZX No. Obs. Meon No. of Hours with Temperature 930 • 80 F 51257 • 67 F • 72 F Ref. Num. ■ 92 € 3010661 55.114.136 10F 1 32 F 85.7 60.2 81.6 6.172 69.7 5.249 63.2 7.463 75866 2 Dry Bulb 6224263 92.4 Wet Bulb 4543337 64819 930 69.6 33.7 .5 37.3 58741 . 1 Dow Point 3761957

0.26-5 (OLA) service remous tentor

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USAFETAC NOW O

PSYCHROMETRIC SUM

YEARS

724240 FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PAGE 1 150

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TO
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet
16/ 95											. 2	. 3						5	5	
04/ 93								.1		. 4	1.0	. 4						18	18	
9./ 91							• 3	. 2	1.1	1.2	. 3		. 1					30	30	
0 / 89						. 6	1.1	2.9	1.9	. 8	. 2	• 3						73	73	
28/ 87					. 4	1.3			1.9		• 3							100	100	
-6/ 85			• 1	. 1	• 4	2.2	3.0	2.9	1.9	2.5	.6	.6						134	134	
04/ 83				• 3	• 1	1.3	2.3	2.0	2.3	1.3	.6							95	95	
82/ 81			. 2	• 3	1.2	2.8	1.5	2.2	1.1	1.1	.2							98	98	
0 / 79				. 6	1.0	2.7	2.5	2.2	1.7	1.9	. 2							119	119	
7 ./ 77			. 2	1.7	1.5	1.3	1.0	1.7	. 9	1.0								86	86	. 1
76/ 75	. 1	. 4	1.1	1.0	1.5	. 3	. 1	2.2	.6	• 3	• 3							74	74	1
74/ 73		• 5	1.4	• 5	• 3	. 1	. 6	.6	• 1									40	40	1
721 71		• 1	1.2	• 3		. 2	. 4	. 4	• 5									30	30	1
201 69	• 2		. 4		. 1	. 1	1.0	• 1		1								18	18	1
601 67	. 1				• 1	. 3	• 1											6	6	1
66/ 65		. 3				. 1												4	4	
64/ 63																				
12/ 61																				
6 / 59	-																			
5 1 57																		-		
5 / 55																	1			
94/ 53																				
52/ 51																				
5 / 49																				
41/47						-														
46/ 45	1																			
84/ 43																				
4 / 39																				
30/ 37																				
OTAL	. 4	1.4	4.6	4.9	6.7	13.3	17.0	20.4	14.1	11.2	4.1	1.7	. 1						930	
																		930		9
													-							
Element (X)		Z y '			E N	_	X		1	No. Ob	•.				Meen No	o. of H	lours with	Temperet	ure	
Rel. Hum.			4690		503	18	54.1		05	9	30	201		32 F	a 67 I		. 73 F	• 00 F	• 93 6	
Dry Bulb		629	0506	-	762	92	82.0	5 . 8	63	9	30				92.	6	87.2	62.		. 3
Wer Bulb		455	3671		649	31	69.8	5.1	27	9	30				71.	2	33.2	•	9	1
Dew Point		374	8934		586	4.7	63.1	7.4	0.3	- 6	30		-		36 .	3	5.5		+	-+

PORM 0.26-5 (O.L.A) revises nevious serions of his rolin are

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMA USAFETAC AIR WEATHER SERVICE/MAC 77424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 6 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wer Bull .2 .2 1 89 . 2 8 . 2 8 . 2 48/ 87 24 24 26/ 85 .2 .5 1.8 1.5 1.0 . 1 52 52 24/ 83 .2 1.1 2.5 1.7 1.2 . 9 73 .1 73 2/ 81 1.1 2.9 2.2 2.0 90 90 • 6 • 3 1 79 .2 2.8 2.9 2.5 1.3 105 105 70/ 77 1.1 1.9 3.2 2.0 1.4 1.0 . 4 104 104 14 76/ 75 .4 2.0 4.2 3.1 1.7 1.2 1.7 138 138 51 .6 2.0 2.8 1.7 1.1 1.3 74/ 73 94 94 145 72/ 71 1.0 2.6 2.2 1.2 1.5 . 9 134 87 87 . 3 70/ 69 .3 1.8 1.8 1.8 1.3 . 2 73 . 2 73 141 6 1 67 .4 .6 1.0 .8 33 33 12 . 4 6/ 65 . 6 . 2 81 . 5 • 1 18 18 -4/ 63 71 • 3 . 4 62/ 61 . 3 12 12 / 59 . 2 3 5 1 57 1 51/ 55 .4/ 53 1 52/ 51 5 / 49 44/ 47 40/ 45 44/ 43 TOTAL .5 3.010.919.521.218.412.9 8.5 4.2 1.0 930 930 91 8 0.26-5 (OL 0 1 2 Z z : No. Dhe. Mean No. of Noure with Temperature Element (X) ZX USAFETAC 65.412.822 . 67 F . 73 F - 80 F . 93 F Ret. Hum. 4132983 930 10F ± 32 F 60841 71076 76.4 6.023 Dry Bulb 5465746 930 88 .1 68.8 31.1 68.1 5.353 63.5 6.850 62.2 22.2 4345593 63377 930 Wet Bulb .2 3795740 59072 930 Dow Point 1 .

USAFETAC AIP WEATHER SERVICE/MAC 724247 STATION FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS WET BULB TEMPERATURE DEPRESSION (F) (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 4/ 83 / 81 .6 1.7 2.2 1.4 .1 . 1 .3 2.0 4.8 2.9 78/ 77 . 8 16/ 75 . 9 .4 3.8 4.2 2.2 • 3 • 1 1.7 4.8 5.1 1.4 1.5 2.5 3.8 2.4 1.5 1.2 • 1 21 71 . 1 7.1 69 .3 2.0 4.1 3.5 1.3 1.4 4.2 1.5 2.0 1.4 2.5 2.2 1.6 6 / 67 • 5 . 1 56/ 65 . 3 .3 1.2 1.7 4/ 63 . 4 . 2 12/ 61 . 1 .5 .9 / 59 .2 1.0 . 9 • 1 5-1 57 . 8 . 1 501 55 =4/ 53 52/ 51 5 / 49 48/ 47 45/ 45 44/ 43 2/ 41 TOTAL .31C.629.430.416.9 8.3 3.3 No. Obs. 5323581

PSYCHROMETRIC SUI

PAGE 1

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1

930

930

9.0

49.4

TOTAL

74.910.756 Mean No. of Hours with Temperature 69649 930 2 67 F +73 F +80 F 2 0 F 1 32 F 71.4 5.566 66.3 5.610 62.8 6.810 3.9 66369 930 75.3 43.6

930

930

4765169

4081904

3711729

61392

58411

3 5 0.26-5

10 M

Rel. Hum.

Dry Bulb

Dew Point

GLOBAL CLIMATOLOGY BRANCH

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUN USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.75-78 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TO 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Builb Wet 8/ 97 .0 2 96/ 95 14 04/ 93 . C . 1 . 3 . 1 39 39 1 91 55 . 3 . 3 . 9 . 5 . 1 1 89 . 1 . 1 166 156 48/ 87 .4 1.0 . 9 .1 243 243 . 5 6/ 85 .D .1 .3 1.1 1.2 . 9 361 361 . 1 . 8 .7 • 2 .2 94/ 83 • 0 .4 1.2 1.0 350 350 .0 .0 82/ 81 .5 1.3 1.3 1.9 • 3 427 . 1 .8 . 5 • 1 427 513 513 1 79 .2 1.1 1.5 1.3 1.0 . 3 7 / 77 .7 1.8 1.7 1.1 .5 . 5 556 556 • 1 76/ 75 .5 2.2 2.7 1.5 . 9 .1 708 708 74/ 73 .1 1.4 3.4 3.1 1.0 816 816 • 3 . 6 . 1 72/ 71 2.1 3.7 2.0 775 775 . 6 . 6 71/ 69 .3 2.2 3.2 1.5 . 8 . 4 • 1 667 667 1 5 / 67 .2 1.8 2.5 529 529 1 . 7 .0 1.5 1.7 1.0 • 5 370 66/ 65 370 . 0 54/ 63 .9 1.2 • 3 264 264 . 1 . 2 190 190 52/ 61 . 9 . 6 . 1 6 / 59 .5 1.0 .6 165 165 . 1 58/ 57 . 4 . 6 . 3 102 102 . 0 5 / 55 56 . 2 56 . 3 31 4/ 53 • 3 . 1 31 52/ 51 . 1 . 2 28 28 5 / 49 .0 5 . 0 4 1 47 0 41/ 45 8 44/ 43 42/ 41 0 38/ 37 TOTAL .712.822.017.511.610.5 8.9 7.3 4.5 2.7 1.0 7435 7435 ZX Zx' No. Obs. Mean No. of Hours with Temperature Element (X) X . 2 67 F 0 73 F 0 80 F 0 93 F 7435 7435 Ref. Hum. 37742741 41329768 516231 551036 69.415.985 1 0 F Dry Buth 74.1 8.122 622.5 425.3 194.2 5. 33489525 66.8 5.986 436.1 131.8 Wet Bulb 497005 7435 1.7 Dew Point 29587953 466127 7435 264 .2 25 . 3 1 .

FT KNOX/GODMAN AAF KY

PSYCHROMETRIC SUN

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)							TOTAL		T
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 -	26 27	28 29	- 30	+ 31	D.B./W.B.	Dry Bulb	We
2 / 79					• 1														1		
7 1 77			.1	. 9	. 4				1										13	1.3	
16/ 75		. 2	.7	1.0	.6														22	22	7
74/ 73		1.2	1.0	2.2															40	48	
72/ 71	. 1	3.8	5.0	1.2	. 4	• 2	• 1												98	98	1
7 / 69		2.6	5.9	. 9		. 4													88	88	
6 / 67		2.0	4.0	. 9	• 3	. 1													66	66	
66/ 65		1.6	2.9	2.1	1.2				- 1										70	70	
64/ 63		2.3	1.9	3.0	. 4														69	69	1
2/ 61		2.8	2.8	1.9	. 1														68	68	
6 / 59	• 1	1.7	4.0	1.8	• 1														69	69	
58/ 57		1.0	4.2	1.8	1.0														72	72	
5: / 55		1.9	3.3	1.6	. 2														63	63	1
54/ 53	. 2	2.9	2.1	1.4						1									60	60	
52/ 51	• 1	1.4	1.8	. 8	. 2														39	39	
5 / 49		1.1	1.7	. 2				}											27	27	1
47	. 1	. 9	. 8	• 1															17	17	
4// 45		.2	• 3	. 1						- 1				1					6	6	1
14/ 43		. 4	• 1																5	5	
12/ 41		. 3	• 1						(4	4	
4.1 39		• 3																	3	3	
3-/ 37																					
31/ 35									}	}				1							
OTAL	• 7	28.7	42.7	21.9	5.2	. 8	• 1													900	1
														}	-				900	İ	1
													-	1							
																					-
													1		1						1
														-	-				-		-
													-	-	-	-			-		-
Element (X)		Z x ?			ž _X	1	¥	**	-	No. Ob				-	Me	en Ne.	of Ho	urs wit	h Tempera	ture	_
Rel. Hum.			6500		725		80.7	8 . 9		9	00	1 0	=	± 32 F		• 67 F		73 F	. 80 F	► 93	F
Dry Bulb		357	8536		563	10	62.6	7.9	39	9	00					32.8		7.6	1		
Was Bulb			0396		531	20	59.0	7.8	10		00					21.7	7	• 4			
Dew Point		293	3768		508	2	56.5	8.50	15	9	ac		-			12.3	1				-

65-70,75-78

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SAFETAC PO

BLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUA USAFETAC ATE MEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 3 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TO 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 29 - 30 • 31 D.B./W.B. Dry Bulb Wet 0 (F) 7 - / 77 • 1 76/ 75 0 74/ 73 1.1 1.3 1.9 40 40 2/ 71 .1 2.3 2.2 1.6 60 60 .1 4.1 4.4 .7 1 / 69 . 3 87 57 0 601 67 2.9 3.8 66 66. 2.9 4.3 .6 6/ 65 .7 76 76 64/ 63 2.9 2.8 2.2 76 0 62/ 61 .1 2.9 3.3 .6 59 1 59 .1 2.6 3.9 1.2 70 70 5.1 57 .3 1.7 3.6 .4 54 54 0 50/ 55 3.1 4.2 . 8 76 76 54/ 53 .3 2.8 2.9 1.7 69 69 2/ 51 .2 2.1 3.0 50 50 0 .2 2.1 1.4 5 / 49 34 4 / 47 2.0 1.2 30 30 41/ 45 .3 1.4 . 2 18 18 4/ 43 10 10 42/ 41 • 3 • 3 6 6 . 2 3 / 37 . 6 34/ 35 0 2.038.743.513.0 2.1 900 900 0 9 0.56-5 83.0 8.341 No. Obs. Mean No. of Hours with Temperature Element (X) ZX USAFETAC 267 F - 73 F - 80 F - 93 F 6262817 3387174 74701 Ret. Hum. 900 10 F z 32 F Dry Bulb 54716 60.8 8.216 900 26.5 5.2 57.8 8.029 55.6 8.568 52005 15.6 Wet Bulb 3062979 900 . 2 50004 900 9.2 Dew Point 2844214

PSYCHROMETRIC SUN

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78

Temp.								TEMPERA											TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 2	2 23 -	24	25 - 26	27 - 2	8 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb
82/ 91			. 1				1					}							1	1
/ 79				• 3								-							3	
76/ 77		1	. 1		• 7								1				1		9	1
76/ 75		- 1		1.8	. 4		-					-	-						26	
74/ 73			1.8				• 1						1						49	
72/ 71		1.7			. 5		• 2												67	
7 / 69		2.9			• 1	1	1						1						79	
6 / 67	. 1	2.0				. 3											1		64	64
6/ 65			2.9			. 1							1						66	66
4/ 63	. 1	3.4				-													80	80
121 61			3.0			• 1							1				1		64	1
1 59		3.2											1						8.5	
5-1 57		1.8																	6.5	1
56/ 55		2.0																	63	
4/ 53		3.3																	60	
2/ 51	. 4	3.0											1						52	
5 / 49		1.0	1.5				1						1	-			1		25	
4 / 47		1.1																	16	
4 / 45		1.2																	14	
4/ 43	• 1																		9	L
92/ 71		• 4															1		4	4
4 / 39		• 3											1						3	
3 / 37		• 2																	2	2
36/ 35																				
OTAL	1.7	33.6	39.2	19.1	5.2	. 9	• 3						1							930
																			900	
)
							1]								
													-				-	-	1	
													-							
							-					-	1				-	-	-	
lament (X)		Z X 2			ZX		¥	7 ,	7	No. Ob			-			Mean	Ho. of	Hours wi	th Tempera	ture
el. Hum.		605	2486		733		81.5	9.35	6		00	2 0	P	2	32 F		7 F	+ 73 F	. 80 F	• 93
Dry Bulb			7253		557	77	62.0	8.20	14	9	00						8.	8.8		1
fet Bulb		314	1625		526	99	58.6	7.88	3	9	30					1	.9			
ew Paint		200	0642	-	505	70	E / 1	8.41	-	- 6	OC					-	.2		-	+

0-26-5 (OL A) 10 mm

PSYCHROMETRIC SUN

72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78

Temp.						WET	BULB	EMPER	ATURE	DEPRE	5510H (F)						TOTAL		TO
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B. W.B.	Dry Bulb	We
/ 89									• 1									1	1	1
E/ 87							2	. 2										4	4	1
-61 85					. 2	. 8	. 6	.6	. 1		. 1							21	21	
-4/ 93				. 1	. 4	1.7	1.1	- 1			1							32	32	1
1 / 81				. 1	. 4	2.9	. 9			. 1							1	40	43	
- / 79			. 2	• 8	1.9	1.9	. 6	• 2	. 4									5.4	54	
7-/ 77			• 1	1.4	-2.6	. 8	1.0	1.1	. 4	. 1								68	68	
76/ 75		• 6	1.2	1.8	1.3	1.9	1.2	1.2	_,2									85	85	Ĺ
14/ 73		• 1	1.1	2.4	1.2	1.1	1.0	. 4	. 2								1	69	69	
12/ 71			1.7	1.7	1.7	1.3	1.4	. 8	. 3									83	80	1
?1/ 69	• 1	• 4	1.4	1.6	1.2	1.6	1.3	.6	• 3									77	77	
6:1 67	. 2	. 2	1.0	1.7	1.1	1.2	1.4	.2	1									65	65	
06/ 65		• 7	1.2	2.0	1.9	1.2	. 7	• 3	• 1									73	73	
4/63		1.3	1.3	1.8	1.3				. 1					-				71	71	-
12/ 61		• 7		1 . 3		. 8	• 2	. 1										42	42	
1 / 59		• 3		1.3	. 9	. 7												3.9	38	-
E E / 57		• 7	• 8			. 4											1	28	28	
50/ 55		. 9	1.0														-	23	23	-
4/ 53		• 6	• 3	• 6	• 1													14	14	
52/ 51		. 9		• 1													-	9	9	-
5 / 49				• 2														2	2	
48/ 47			• 1														-	1	1	
46/ 45		• 3																3	3	
44/43												-		-			-			-
42/ 41																				
4"/ 39			-				-													-
38/ 37														-				}		
31 / 35				-			-							-			-	-		-
34/ 33								5 0	- /	-	•									
OTAL	• 3	1 . 1	13.2	19.6	15.4	19.4	12.4	5.9	2.0	• 2	. 2						-	000	900	-
																		950		
Element (X)		ZX			z x	2.4	X	₹.	-	No. Ob	-							h Tempere		
Ref. Hum.			2468		589			14.01			00	± 0	F :	32 F	• 67	-	73 F	• 80 F	• 93	F
Dry Bulb			6326		632			8.25			00				59		37.4	12.	5	
Wet Bulb			8185		564	_		7.31			30				30		8.9	-	1	
Dew Point		305	8803		518	69	57.6	8.79	91	9	00				19	.4	1.5			

0-26-5 (OL A) 0 11

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72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME

65-70,75-78

YEARS

PAGE 1

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 2	8 29 - 3	0 • 31	D.B./W.B.	Dry B
/ / 91								.1	. 6	. 2								8	
9 / 89						. 1		1.0	. 8	. 3	. 2						1	22	1
88/ 87						. 7	. 9	2.6	. 4	.1		• 2						44	+
6/ 85					. 1	. 8	2.0	1.9	. 8	. 1		- 1						52	
84/ 83				. 1	. 7	. 8	1.8	1.8	. 9	. 4	.6							63	6
81 / 81				. 1	• 2	2.0	. 8	1.2	1.6	1.0	. 4						1	66	6
3 / 79			• 1	• 2	. 9	2.0	1.4	1 - 1	1.6	1.2	• 1							78	1
7 / 77		• 1	• 2	. 6	1.8	. 7	2.0	2.1	1.7	. 4	. 1							87	
76/ 75		• 6	. 6	1.0	1.4	1.0	1.4	1.8	1.4	• 8	• 1							91	1
741 73			• 2	1.0	• 6	1.2	2.8	1.6	1.0	• 2								77	1
12/ 71		• 4	.6	• 3	. 8	1.9	1.3	1.3	1.3	• 1								73	1
7 / 69	• 1	• 1	.7	. 8	. 4	1.0	1.6	1.2	. 4									57	1
69/67		• 2	• 2	• 3	1.0			. 9	• 2	- 1								46	1
6/ 65			1.9	. 9	. 3	. 9	. 9	. 9	• 2									54	
64/ 63		. 4	. 7	• 1	• 8	. 3	. 4											25	
-2/ 61				. 4	. 6		. 2	-1										12	
60/ 59		• 2	. 2	. 2			• 2											8	
5.1 57		• 6	.1	. 4												1		10	
5 / 55		• 3	. 4															7	
4/ 53		. 9		• 2														10	
2/ 51			• 2	• 1	• 2											1		5	
5 / 49			- 1	. 1														2	
47																			
40/ 45		• 3																3	1
44/ 43																			
42/ 41																			
4 / 39						}													
3=/ 37																			
30/ 35																1			
34/ 33																			
DTAL	• 1	4.2	6.2	7.0	9.8	14.3	18.9	19.6	12.9	5.1	1.6	• 3						900	9
Element (X)		Z _X ²			t x		X	•,		No. 05								h Tompero	ture
Rel. Hum.			4244		499	1	55.5				00	10	7	32 F			• 73 F	• 80 F	
Dry Bulb			2479		677		75.3				ele:					.4	58.8	29.	_
Wet Bulb			1798		579		64.4		_		ŭ0					.2	13.7		
Dem Point		303	8085		516	55	57.4	9.0	34	9	טט				14	-1	5.5		

0 Com 0.26-5 (0LA) USAFETAC

GLORAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC S

724247 FT KNOX/GODMAN AAF KY
STATION NAME

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65-70,75-78

YEARS

PAGE 1

Temp.											\$510H (TOTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.B./W.B.	Dry
02/ 91							1		. 1	.6								6	
9 / 89		1						1.2	1.1	. 4							-	25	-
8/ 87		1			• 1	• 3		1.8		• 2			. 2		ł			# #	
6/ 85					• 3	. 4	1.7	1.8	. 9	.2	. 3						-	51	
94/ 83				• 3	• 4				. 4	. 4	. 4			1				5.3	
8.1 81				• 2	. 4	2.6	2.3	1.4	-	1.0	_							84	
R / 79		1		. 8	1.2	1.6	1.1	2.1	3.1	. 9		1		}				97	1
7 / 77		. 1	• 3	• 3	1.1	• 7	. 9	2.3	2.2	1.1	• 1						-	€ 3	_
76/ 75		• 1	. 6	• 3	1.1	. 4	• 9	2.1	1.1	• 7	• 2							68	1
74/ 73		• 2	• 3	• 3	. 9	1.4	2.8	2.6	. 9	• 7								91	
72/ 71		• 3	. 4	• 9	. 6	• 3	1.7	1.8	1.2	• 1								66	1
71 / 69		• 7	.6	. 6	. 6	1.0	. 6	1.0	. 7	. 4								54	1
68/ 67		• 3	.6	1.0	• 1	. 8	1.6	. 8	. 2	• 1								49	
66/ 65		- 1	1.4	1.7	. 4	. 9	. 4	1.0	. 1									55	
64/ 63		.6	. 1		. 4	. 4	. 2	.1										17	
62/ 61		. 2	. 1	. 6	. 6		. 4											17	ĺ
6 / 59		• 1	. 4	• 1	. 2													8	
5:1 57			. 4	. 4													1		
56/ 55		. 3																3	
4/ 53		. 9	. 1	• 1	. 1													11	1
-2/ 51				• 1	• 2													3	_
5 / 49			- 1		• 1													2	
48/ 47			• 2															2	
46/ 45		. 3						}	,	-								3	
44/ 43																			
42/ 41								,											
4 / 20																			
31/ 37				- [
30/ 35																			1
34/ 33																			
OTAL		4.3	5.8	7.8	9.0	12.2	16.6	21.2	14.7	6.9	1.3		• 2					900	9
																		700	
Element (X)		ZX			X.		X	·.		No. Ob					_	-	-	Tempere	ture
Rel. Hum.			1485		493			15.1			00	20F	1	32 F	+ 67		73 F	• 80 F	
Ory Bulb			4785		679			8.2			00				77		60.2	32.	C
Wer Bulb			2617		579			6.9	The second second		00				35		13.7		
Oow Paint		301	4450		514	54	57.2	8.9	97	9	00				16	.6	1.8		

HOLM 0-26-5 (OLA) HINSE MEMOUS ENTING

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USAFETAC 1044 0-2

GLOBAL CLIMATOLOGY BRANCH

USAFETAC AIP WEATHER SERVICE/MAC

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Thes found and obsorbing

0-26-5 (OLA)

PSYCHROMETRIC !

724247 FT KNOX/GODMAN AAF KY
STATION STATION NAME

65-70,75-78

YEARS

PAGE 1

Temp.							BULB '											TOTAL	L
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - :	0 • 31	D.B./W.B.	Dr
9 / 89									. 2									2	
28/ 87							. 4	. 1										5	
6/ 85						• 1	.1	• 3										5	
34/ 83					. 2	. 6	. 3			}	1					}		10	
11 81				. 4	1.4	1.6	1.0	. 1	. 1									42	
9 / 79			. 7	. 8	1.6	1.2	. 4	. 4		. 1								47	1
70/ 77			. 9	1.4	1.9	1.0	. 4	• 2	. 2									55	
76/ 75		. 2	1.4	2.7	2.7	. 9	1.0	.7	.2									88	
74/ 73		. 4	1.9	1.7	1.4	1.0	.7	. 2										66	
72/ 71		.2		2.4				. 4										81	
70/ 69		1.1	1.0	1.8	1.7	2.1	.6	. 3										77	1
6 / 67		.7					.6	. 1	. 1								1	84	
6/ 65		• 3	1.9	2.7		1.1	. 4	. 1										83	
4/ 63		1.4				1.0	.7											75	
62/ 61		. 4		1.3														45	
1 59		.7	1.6	1.6	1.2	. 7												51	
5-1 57		. 2	management about	1.0			1									-		28	1
5: / 55		. 3	. 1	. 9	. 4])		1						22	
4/ 53		1.3		. 2														14	
42/ 51		. 2	. 4															6	
5 / 49			. 3													-		3	
41 47		. 1	. 4	. 1												1		6	
4 / 45		• ?	.2															4	1
4/ 43																			1
12/ 41		• 1				-	-											1	
4 / 39										-				}				1	
30/ 37																			1
30/ 35																			
OTAL		8.1	17.4	22.1	24.7	15.3	8.2	3.1	. 9	.1						-		1	1
																		900	
						-											1		+
																	-	-	1
							_												
Element (X)		2 X2	2092		512	24	68.0	12 7		No. 01	00	-16	- 1			_		h Tempere	arma
Rel. Hum.			4189		621		69.1				00	101	-	2 32 F	56		*73 F	9.	
Dry Bulb			9396	-	560	5	62.3		- 1 -		00		-		29		7.6		end.
Wer Bulb											00		-		_	- 1		A	-
Dew Point		306	1328		519	40	57.7	8.4	45	9	uu				17	• (

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

YEARS

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78

PAGE

Temp.								EMPERA"										TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 15	- 16 1	7 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 • 31	D.B./W.B
9 / 79				• 3	1.2													14
7-/ 77			. 3	1.7	. 9	. 1	-					-				-		27
6/ 75		• 2	1.3		1.6				-				1					4.1
74/ 73		1.4	3.4	2.7	. 8		.2											77
7 / 71			4.7				.1		1									93
7 / 69		. 8	3.6													-	+	7.0
66/ 67	1	1.0		1.4		1							1)	63
-6/ 65			1.8				-					-						70
64/ 63			3.3															8 6
62/ 61			2.3		. 9							-	-				-	76
6 / 59		• 1		2.4			i i]	-	}				71
5 8 / 57			3.3	2.1	. 9	. 1	-									-		64
5 6 / 55		. 8		. 9	• 3				- 1				ì					42
54/ 53		1.9	1.6	• 9	. 2							-					-	4.3
12/ 51	j	1.0	1.4	. 6														2
5 / 49	• 1	• 2	1.0	. 2														14
19/ 47		. 2					1											
4. / 45		. 4	. 2														1	
14/ 43			. 4															4
42/ 41		. 2																2
4 / 39																	j	
38/ 37																		
OTAL	• 1	14.6	37.4	30.0	15.2	2.3	• 3											
																		900
	1																	
							1											
Element (X)		ż _X ,			Z X		X	•4	T	No. Ob	•,				Meen I	No. of (Houre wid	Temper
Rel. Hum.		533	7629		687		76.4	9.67	8	9	00	10	F	32 F	• 67		• 73 F	> 80 F
Dry Bulb		382	2725		582		64.7	7.70			00				39	.1	15.9	
Wet Bulb		330	9463		541	59	60.2	7.48	4	9	00				23	.1	2.2	
Dew Point		298	6367		512	95	57.0	8.36	1	9	00				15	.4	•1	

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PSYCHROMETRIC

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724247 FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

YEARS

PAGE 1

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	5510N (F)						TOTAL	Ĺ
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 -	30 • 31	D.S./W.S.	0
1 91								• 0	- 1	• 1							1	14	1
/ 89						• 6		• 3			.0							5.0	L
48/ 87					. 0	. 1	• 3	• 6	• 2	.0	-	.0	• 0					97	1
6/ 85		}			• 1	• 3	.5	. 6	. 2	.0	• 1	.0						129	L
84/ 83				• 1	. 2	. 5	• 6	. 4	• 2	• 1	• 1							158	
FT/ 31			• 0	. 1	• 3	1.1	. 5	• 3	• 3	• 3	• 1							233	
. / 79			- 1	. 4	. 9	. 8	. 4	• 5	. 6	• 3	.0							294	Ī
75/ 77		• 13	• 3	• 8	1.2	. 4	_ • 5	. 7	.6	• 2	.0							343	į
16/ 75		• 3	. 8	1.3	1.1	. 5	• 6	.7	. 4	• 2	.0							432	1
"4/ 73		.7	1.4	1.8	.6	.6	. 9	.6	. 3	• 1						1		509	L
72/ 71	• 1	1.3	2.4	1.6	. 9	.7	• B	• 5	. 4	• 0								618	Ī
71/ 69	. 1	1.6	2.7	1.3	. 6	. 9	• 5	. 4	. 2	• 1								589	1
68/ 67	• 1)	1.2	2.1	1.0	1.1	. 7	• 6	• 3	• 1	• 0								509	Ī
66/ 65		1.0	2.3	1.8	1.2	. 6	• 3	• 3	.1									547	1
54/ 63	.0	1.8	1.8	1.8	. 9	. 4	• 3	.0	.0									501	1
52/ 61	• 0	1.4	1.5	1.3	. 8	. 2	• 1	.0										383	l
/ 59	• 0	1.1	2.3	1.3	• 5	.2	• C											397	t
58/ 57	. 1	.8	2.2	1.0	. 4	.1												326	
5// 55	• 0	1.2	1.9	. 7	• 3													299	T
4/ 53	. 1	1.8	1.1	.8	. 1												1	279	1
2/ 51	• 1		1.1	• 3	. 1													191	t
5 / 49	. 0	. 6	. 8	. 1	.0													109	
4 = / 47	G	• 5	• 5	. 0												1		76	t
40/ 45	- 0	.6	. 2	.0														57	1
44/ 43	-0	• 2	. 2	1		1	1					1						28	+
42/ 41		.2	. 1															17	
4 / 39		• 1																8	
31/ 37		. 1																7	1
36/ 35					-														t
34/ 33																			ı
OTAL	.5	17.5	25.7	17.6	11.2	8.2	7.1	6.2	3.9	1.5	. 4	.0	.0						Ť
																-	+	7200	+
Element (X)		žx'			ž x		¥	•.		No. Ol	•.				Mean	No. of	Houre wif	h Tempere	1
Rel. Hum.		3780			5089		70.7			72		1 0 F		32 F	+ 67		• 73 F	- 80 F	
Dry Bulb		3351			4861		67.5			72					397		225.9	84.	
Wer Bulb		2738			4404		61.2				00				210		47.4		1
Dew Paint		2383	7657		4095	59	56.9	8.6	66	72	00				151	.5	7.2		Т

() 0-26-5 (0) USAFETAC

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC **PSYCHROMETRIC**

72424 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS

PAGE

Temp.								TEMPERA								,		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 • 31	0.5./W.B.
72/ 71			. 2	- 3	. 1													6
7 / 69		. 1	. 6		. 3													10
6-1 67		. 5	. 5	. 4	• 5													19
66/ 65		. 4	1.5	. 2	. 3	. 1												24
44/ 63		1.7			• 3		1											5 3
62/ 61	• 3	2.7	1.9	.6	. 9	• 1												61
1 59	. 2	1.7	2.4	1.1	• 5		1					})				5.5
58/ 57	. 2	2.0	2.0	1.0	• 3	. 1												5.3
51 / 55		2.3	2.0	1.0	1.0	• 3	. 2											63
4/ 53		1.6	1.5	. 6	. 8	• 1	• 2										1	47
-2/ 51		2.2	1.8	1.6	• 6	. 4												62
5 / 49		1.3	2.5	1.9	1.0	• 2												64
48/ 47		2.0	2.2	2.4	1.1	. 1												72
46/ "5		2.0	2.6	2.4	. 4													69
04/ 43		1.7	4 . 4	. 9	• 5													70
42/ 41	. 2	1.1	3.1	1.3														53
4 / 39	. 2	2.2	3.4	. 8														61
36/ 37		. 9	1.4	. 8														28
24 / 35		1.5	1.4	. 5														32
34/ 33		1.0	. 9	. 2			1											19
2/ 31		• 2	. 2															4
3 / 29		. 4																4
21/ 27	ĺ	. 1																1
11 25																		
2 1 23				1														
22/ 21																		
2 / 19						1												
15/ 17																		
OTAL	1.2	29.7	39.2	19.0	8 . 7	1.7	. 4					1						
																		930
										1								
			-			-	-		-	-	-	-		-			+	-
Element (X)		Z x '			Z _N		¥	••		He. Ob					Mean !	da, of t	Hours with	h Tempere
Rel. Hum.			6631	-	700	95		12.42	0		30	101		s 32 F	t 67		• 73 F	• 80 F
Ory Bulb			8628		471			9.35			30	201	+	9		.5	- /3 -	
Wer Buth			8558		436			9.32			30		-	4 . 8		.6		-
Dew Peint			0017		398			10.81			30		-	17.5	-			-
Jem Leini		105	UU L /		370	0.7	76.7		0		30		_	4143				

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GLOBAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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MAL 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC S

724245 FT KNOX/GODMAN AAF KY 65-70,75-78

STATION STATION HAME YEARS
PAGE 1

Temp.										DEPRE								TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 -	30 • 31	D.B./W.B.	Dry B
74/ 73				• 1			1								}			1	
72/ 71			-1	. 1														2	
7 / 69			. 3		• 2			1	1									5	
6-1 67		. 5	. 4	5	• 1													15	-
6/ 65		. 4	• 3	. 4	- 1							1						12	
64/ 63		1.9	1.5	. 5		1						1						37	
2/ 61	. 4	3.9	1.5	. 6	• 5	. 1									1			66	
1 59	• 1	1.8	1.7	. 8	. 4	. 2											}	4.7	
50/ 57	• 2	1.4	3.7	• 3												1		52	
5 / 55		3.1	1.5	. 2	. 4		}											49	
4/ 53		2.8	1.7	1.1	1.0	. 2												63	
52/ 51		2.4	1.1	.6	.6	. 4		}								1		48	
5 / 49		1.7	2.7	1.1	• 8													58	
48/ 47		1.6	3.1	1.2	• 3												1	58	
46/ 45		2.0	2.8	2.2	• 2													67	
4/ 43		1.8	4.0	.5													-	59	
42/ 41		3.2	4.5	1.3														84	
4./ 39	. 2	2.6	2.6	. 5					}									55	
30/ 37	. 8	2.5					-	-					1			1	1	47	1
34/ 35		3.0	1.7	. 1								1			1			45	
34/ 33		1.6	-				1	1	-			1	1	1	1	1		26	
32/ 31		1.2	. 8															18	
30/ 29		. 8	. 6						1				1			1		13	
2 1 27	- 1	. 3					1		1								1	3	
26/ 25							1	1		-		1	+	+	1	+	+		
24/ 23				}						[1	
2/ 21						-		1	1		-	-		1	1	1	+	1	-
2 / 19							}								1		1		
1 / 17	-			-			-	1	1	1			-	+	1	+	+	-	-
OTAL	1.7	40.6	39.7	12.3	4.7	1.0	d .	-				1				1	1		1
						-	-	-	-		-	+	-	+	-	1	+	930	1
																			1
lement (X)		Zxi			ZX	-	X		1	No. Ob				-	Meso	No. of	Hours will	A Tempera	ture
lel, Hum.			2027		731	99		10.9			30	20	F	1 32 F	0 67		• 73 F	. 80 F	7
Dry Bulb			3621		452			9.6			30		-	3.4		-3	• 1	-	-
Her Bulb			1843		424	-		9.5			30		-	6.5	1 -	-3		+	
Dow Point			4823	-	392		42.2				30		-	18.8	+	.1		+	-

(GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC** 2 USAFETAC ATR WEATHER SERVICE/MAC 724240 FT KNOX/SODMAN AAF KY
STATION NAME 65-70,75-78 VE ARS Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./N.8 Dry 8 (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 16/ 75 2 74/ 73 . 1 72/ 71 . 1 3 . 1 • 1 1 59 68/ 67 . 8 • 3 . 1 11 . 9 16/ 65 . 9 24 64/ 63 1.3 1.7 . 3 40 . 8 621 61 3.5 1.1 • 3 53 0 6 / 59 .3 1.7 1.6 . 4 . 5 . 1 44 .2 1.2 2.7 51/ 57 47 5 / 55 1.9 2.6 . 4 • 1 52 . 4 . 1 4/ 53 .2 3.4 1.3 1.3 67 12/ 51 .1 2.6 1.9 . 9 . 5 . 2 58 5 / 49 .1 1.6 2.9 1.8 63 1.8 3.0 1.3 4 / 47 . 5 62 4: / 45 2.4 3.1 1.5 67 44/ 43 2.3 4.0 1.4 71 42/ 41 3.1 4.2 . 8 75 4 / 39 .2. 2.7 2.7 . 4 56 3 / 37 .6 2.0 1.6 41 • 1 • 9 36/ 35 .3 2.6 . 2 37 3 / 33 1.7 20 12/ 31 1.0 . 4 13 7 2:1 27 .6 6 21 25 . 2 24/ 23 3 22/ 21 õ 21/ 19 TOTAL 2.239.038.414.6 4.6 1.1 930 MO 24 Element (X) ZX ZX No. Obs. Mean No. of Hours with Temperature USAFETAC 78.511.025 49.2 9.613 46.1 9.333 Rel. Hum. 5847120 2339315 ±67 F +73 F +80 F 73026 930 10F 1 32 F 45779 2.5 2.8 Dry Bulb Wet Bulb 2054318 42840 930 5.2 1790549 39661 42.610.331 930 Dow Point 16.3

PAGE 1

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PSYCHROMETRIC S

724249 FT KNOX/GODMAN AAF KY
STATION STATION HAME

65-70,75-78

YEARS

PAGE 1

Temp.								TEMPER										TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry B
u2/ 81					• 1	.1	• 1											3	
21 79						. 1	. 1	.4	. 4							1		10	1
78/ 77					. 2	. 1	• 5	. 4										12	1
76/ 75				. 1	. 4	. 8	. 3	.1		. 1								17	1
4/ 73				• 3	. 4	. 5	. 4		. 2									18	1
72/ 71				. 4	. 8	1.0	. 5	.5	. 2									32	1
1 / 69		• 1	• 5	1.0	1.1	• 9	• 3	. 8	. 2									45	4
5 / 67		. 4	. 9	1.0	1.2	. 5	1.0		. 1	. 1								48	4
66/ 65		. 9	.8	. 6	1.3	. 6	1.0	.2	. 2									52	
4/ 63		1.1	1.7	. 8	. 9	. 8	. 6	.5	. 3	.1	1							56	9
621 61	. 1	.6	. 9	. 8	. 4	1.1	1.3	• 1	• 1	• 1		1						51	
60/ 59	. 1	1.1	1.9	. 9	1.2	1.3	1.3	.9	. 2	}	}							82	8
56/ 57	. 1	. 3	1.6	1.2	1.2	1.3	1.0	• 2	-									64	1 6
50/ 55		1.3	1.3	1.8	2.0	1.8	. 6					1						85	8
54/ 53	. 1	1.2	1.2	1.4	1.9	1.3	• 6		-	1		1				1		72	1
52/ 51		. 8	. 6	1.3	1.7	. 9	. 1	1						[]				50	5
5// 49	. 2	1.0	1.4	2.4	-	. 6	-					-		-		1		68	6
4 - / 47	-	. 9	. 9	1.2	1.3	. 2												41	4
45/ 45		1.0	1.6	1.1	1.0	. 3		-			-	-	-	-		1		46	4
44/ 43		1.0	. 9	. 8	. 6								Ì					30	1
42/ 41		. 8	1.0	. 6	. 4	• 1		-		-	-	-	-	-				27	
4 / 39		. 8	.2	. 5	. 1											1		15	1
301 37					.1		-	1			-	1						1	-
36/ 35		1	. 3		- 1													3	
34/ 33		.1							-	-	-	1		-	-			1	-
(2/ 31		. 1						}	}	}	}							1	
31/29			-					-			-	-		-		-	-	-	-
28/ 27									(1							
26/ 25		-					-	-			-	-	-	-		-	-	-	-
24/ 23							}					1							}
22/ 21				-			-	-	-	-		-				1			-
18/ 17								1	ł		}	1	}			1	}		
16/ 15																			-
Element (X)		2 2 2			ž _X	-	¥		-	No. Ol	5.				Mean	No. of H	ours wil	h Tempera	ture
Rel. Hum.												: 0	F	1 32 F	+ 67	F .	73 F	- 80 F	1
Dry Bulb						-		1							-				-
Wet Bulb						-		1	-				-						-
								+	-						-			-	-

100m 0.26-5 (0LA)

USAFETAC

ELOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC** 2 AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 YEARS PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8. W.B. Dry 8 .613.216.918.120.114.3 9.7 4.4 2.0 .4 TOTAL 9 930 0 0-26-5 (OL 10 M Element (X) ZX No. Obs. Mean No. of Hours with Temperature USAFETAC 18.5 6.0 1.1 Rel, Hum. 58800 53683 63.216.771 57.7 9.540 51.0 8.580 930 3978966 2 0 F 1 32 F 3183333 930 1.1 Dry Bulb Wet Bulb 2483745 47395 930 . 7 2.3 .1 41306 1940284 44.410.665 14.1 Dew Paint .4

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC ! USAFETAC AIR WEATHER SERVICE/MAC STATION STATION NAME 724240 65-70,75-78 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | • 31 | D.B./W.B. Dry B. (F) 6/ 85 -4/ 83 92/ 31 . 2 .6 .6 1.3 33 1 79 .4 1.2 28 .3 1.3 .5 .2 .2 .5 .2 .9 .6 1.0 78/ 77 30 . 2 • 3 1.1 1.7 • 5 • 3 1.4 76/ 75 41 • 3 .5 1.0 74/ 73 . 1 49 12/ 71 .3 1.4 1.2 1.6 57 . 1 . 4 . 3 . 2 0 .8 1.2 1.2 1.2 1.3 / 69 -1 . 1 .6 . 1 61 . 9 6 / 67 . 4 .8 1.0 1.3 59 • 1 • 1 .5 .9 1.2 1.5 1.3 6/ 65 . 3 • 3 . 2 .9 66 () . 6 .5 1.1 1.6 1.6 4/ 63 • 3 .6 73 •5 •3 •2 •3 1•1 •1 .4 1.1 .8 1.8 1.2 .8 1.3 1.4 1.4 .2 62/ 61 59 61/ 59 61 0 75 50/ 57 .5 .9 1.1 1. 1.1 2.4 1.2 . 3 . 9 . 5 1.1 .8 1.2 48 .2 1.0 4/ 53 . 0 39 . 5 1.0 . 2 . 4 .2 . 9 52/ 51 .4 1.1 1.2 41 .5 1.0 .9 1.8 5. / 49 45 . 5 • 1 41/ 47 . 5 . 4 • 3 . 4 18 4: / 45 . 6 . 4 • 3 19 04/ 43 . 1 • 3 . 4 . 5 13 42/ 41 • 3 . 4 4 / 39 3 / 37 38/ 35 3 1 33 32/ 31 3 / 9 21/ 27 0.26.5 26/ 25 24/ 23 22/ 21 10 2 / 19 Element (X) ZXI No. Obe. Mean No. of Hours with Temperatur USAFETAC 267 F 273 F + 80 F Rel. Hum, 2 0 F 1 32 F Dry Bulb Wet Bulb Dew Point

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1 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC** 2 AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 0 PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.8./W.B. Dry 8 18/ 17 DIAL 6.3 7.2 8.111.417.317.616.0 9.0 5.3 1.6 .1 930 Ø 0.26-5 (OL Element (X) Mean No. of Hours with Temperature 2768107 3846629 48013 59109 51.617.648 63.6 9.830 53.4 8.390 +67 F +73 F Rel. Hum. 930 10F . 80 F 1 32 F Dry Bulb 930 18.9 36.6 49697 2721079 Wet Bulb 930 5.9 . 2 1922629 40957 44.011.313 Dew Point 930 .9

PSYCHROMETRIC

YEARS

724247 FT KNOX/GODMAN AAF KY
STATION STATION NAME

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0-26-5 (OL A)

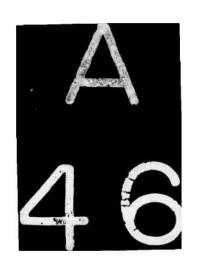
65-70,75-78

PAGE 1

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	5510N (F)						TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 26	29 - 30	• 31	D.B./W.B.	. 0
16/ 85										. 2								2	1
-47. 83							. 1		• 3		. 1							6	
81/ 81							. 2	• 5	. 8	• 3						1	1	17	1
3 / 79				• 1		• 1	. 1		. 8	• 3					1			26	
7-1 77					• 2				. 6	• 1								35	_
6/ 75			• 1	• 1	. 5	1		1.0		1.2	. 5							63	
74/ 73				• 5	. 8			1.1	1.4	. 4						1		57	-
12/ 71			• 3	.1	.4	. 6				• 2								40	
1 69			. 4	• 2	1.1	• 5			. 5	• 3	. 1					1		5.3	- 1
6 / 67		• 2	• 9	. 9	• 3		. 4		1.0	1.1	• 1							61	
6/ 65		• 4	.6	. 4	. 8	. 6			1.4	. 4						1		62	
64/63		• 4	• 3	. 8	• 3	• 5				• 5						-		64	-
1 61		• 3	. 9	. 6	.6		1.2	1	.6							1		76	
50/ 59		. 4	. 6	• 3	. 4	. 8			. 4									60	-
51/ 57		. 9	• 3		. 6												1	61	
5/ / 55		. 4	• 3	• 5	. 8	1.1	1.8									1		52	-
4/ 53		• 6	1.0	.6	. 6	1											1	56	- 7
2/ 51		• 3	• 5	. 4	. 4		. 8	-										33	-
5 / 49		• 3	• 3	1.4	1.1			1							1			44	- 6
48/ 47		. 9	. 4	. 4	. 6	-												29	_
41/ 45		• 3	• 4	. 4	. 6									1			1	22	- 5
14/ 43		• 3		• 2	• 2	.1												8	
42/ 41			• 1	• 2														3	
4 / 39						-	-				-	-		-			-	-	4
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34/ 33																			
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2/ 21																			
2 / 19															<u></u>	1	٠	1	-
Element (X)		Z X'			Z X	-	X			No. 01			- 1		_			th Tempere	_
Rel. Hum.						-		-			-	10	F	s 32 F	. 6	7 F	• 73 F	- 80 F	-
Dry Bulb						-					-					-		-	-
Wet Bulb								-							-	-		-	_
Dew Point																			Ī

1 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC** AIR LEATHER SERVICE/MAC 725240 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL
1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 & 31 D.B./W.B. Dry 8 19/17 5.9 7.6 9.610.513.518.416.611.1 5.2 1.6 OTAL 930 () 30 0 3 F 9 0.26-5 (Element (X) ZX No. Obs. Mean No. of Hours with Temperature USAFETAC 2725029 3827858 Rel. Hum. 47497 930 ≥ 67 F ≥ 73 F = 60 F 10F ± 32 F 58978 36.0 20.6 Dry Bulb 930 2697084 49476 4.7 Wet Bulb 930 1888390 40522 930 Dew Peint

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 FORT KNOX/GODMAN AAF, KENTUCKY. REVISED UNIFORM SUMMARY OF SURF--ETC(U) AD-A118 462 JUL 62 UNCLASSIFIED USAFETAC/DS-82/042 SBI-AD-E850 201 NL 5 0 F 6

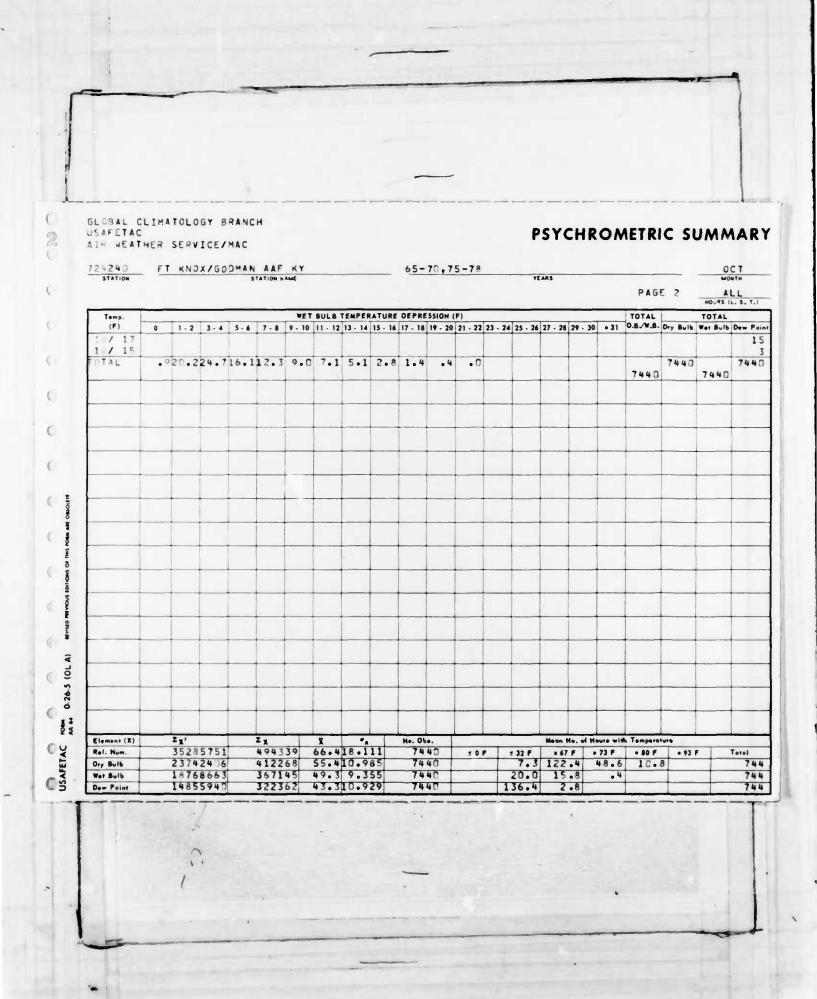


€ GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY 65-70,75-78 STATION STATION NAME YEARS 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 0 1 79 75/ 77 16/ 75 • 2 9 9 14/ 73 . 8 . 2 15 .4 1.2 • 3 721 71 1.0 • 2 • 1 30 37 / 69 . 3 . 5 .8 1.7 1.2 . 3 • 1 48 48 6 1 67 . 4 .6 1.9 1.4 •8 60 60 11 6/ 65 .3 1.2 1.1 1.3 58 . 8 58 1.1 • 3 25 .9 1.3 1.2 1.1 1.0 1.2 1.0 1.1 :4/ 63 . 1 2.0 • 3 67 67 50 15 24 62/ 61 53 . 6 53 66 .8 1.5 1.2 .8 1.5 / 59 61 50 52 61 58/ 57 .4 1.1 . 8 .8 1.7 1.8 62 62 62 53 5 / 55 1.0 1.3 .9 2.4 1.4 72 50 44 . 8 .6 1.3 1.2 1.6 1.9 .9 2.4 1.3 1.8 1.1 4/ 53 73 69 37 1.1 73 2/ 51 73 73 46 49 1 49 .1 1.5 2.0 1.3 1.8 65 65 65 56 4:/ 47 .8 1.8 2.3 81 1.2 60 47 60 40/ 45 1.0 1.6 1.3 49 • 5 43 43 80 1.2 .4/ 43 . 4 . 8 1.3 34 34 80 39 42/ 41 .5 1.3 . 1 25 25 . 8 63 68 4 / 39 39 • 1 • 3 . 4 . 4 12 12 56 / 37 36 61 36/ 35 51 18 34/ 33 14 66 31 43 6 33 3 / 29 2=1 27 47 26/ 25 27 24/ 23 9 6 22/ 21 5 0.26-5 3 1 6 11/ 17 1:/ 15 ZX2 Element (X) No. Obs. Mean No. of Nours with Temperature +67 F +73 F +80 F +93 F = 0 F # 32 F Dry Bulb Wet Bulb Dew Point

1 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIP WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70.75-78 OCT 0 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0.8 /W.B. Dry Bulb Wet Bulb Dew Poin 0 (F) OTAL .8 9.717.320.622.917.0 8.4 2.9 930 930 930 930 8 0-26-5 (OL Meen No. of Houre with Temperature
2 67 F = 73 F = 80 F No. Obs. Element (X) ZXI X . 62.515.735 57.0 8.919 50.3 8.665 58169 3868323 930 52973 930 Ory Bulb 3091261 16 .4 2.6 93 2422638 46778 930 1.2 93 Wet Bulb Dew Point 40529

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724243 STATION FT KNOX/GODMAN AAF KY O C T 65-70,75-78 2130-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B./W.B. Dry Bulb Wet Bulb Dew Peint 74/ 73 • 1 1 1 72/ 71 1 69 • 3 .6 • 5 17 17 68/ 67 .3 1.0 1.1 1.1 . 1 35 35 66/ 65 .1 1.9 1.1 • 5 • 1 38 38 16 4 64/ 63 .2 1.8 1.8 1.3 . 5 57 57 15 31 1.2 62/ 61 .1 1.3 1.2 2.0 . 8 . 2 65 23 • 2 65 48 59 . 2 1.9 2.9 1.5 .8 . 8 76 56 39 51/ 57 57 .1 1.5 1.6 1.4 • 1 57 57 49 . 5 5-/ 55 40 1.0 1.4 . 6 . 5 40 58 52 . 2 4/ 53 .9 1.4 1.2 • 6 66 66 56 52 52/ 51 1.0 2.9 2.3 1.7 78 78 49 41 5 / 49 .1 1.1 1.4 1.8 1.8 • 5 63 63 46 38 4 2 / 47 1.5 1.3 3.3 69 69 73 53 4./ 45 1.3 1.9 2.8 1.4 58 69 69 78 1.2 3.5 1.1 44/ 43 62 60 41 62 .8 2.5 2.2 42/ 41 51 95 48 .6 1.5 1.2 4 / 39 49 31 31 63 3 1 37 • 5 .6 1.0 21 21 65 67 36/ 35 . 6 12 29 71 . 5 12 3-/ 33 25 72 . 6 32/ 31 14 32 40 201 27 43 26/ 25 22 10 2/ 21 6 18/ 17 3 OTAL 1.117.431.026.515.7 6.1 1.6 930 930 0-26-5 (OL 930 930 10 17 Element (X) Z x ? ZX Ne. Obs. Meen No. of Hours with Temperature ¥ USAFETAC 70.513.948 4799548 6554D 930 Rel. Hum. 10F ± 32 F ≥ 67 F • 73 F • 80 F • 93 F 2691761 53.0 9.013 48.3 8.923 43.310.779 49327 930 93 Dry Bulb 6.6 Wet Bulb 2239398 44876 930 2.1 .4 93 1847767 40225 930 93 15.6 Dew Point

-GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,75-78 OCT PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wer Bulb Daw Poin . 0 .0 6/ 85 .0 4/ 93 .0 82/ 81 . 0 • 1 • 3 53 53 1 79 . 2 .0 65 78 65 7-/ 77 • 1 . 2 • 1 . 4 • 1 • 0 • 1 78 132 . 2 142 142 . 2 72/ 71 183 183 8 7 / 69 . 1 . 4 .8 . 5 . 4 . 4 . 0 247 247 43 3 . 8 308 308 103 68/ 67 • 3 . 6 25 • 5 66/ 65 • 5 . 6 . 6 . 4 . 4 . 4 • 2 336 336 224 66 4/ 63 .0 1.3 1.3 447 447 280 61 484 484 397 193 621 .1 1.7 1.1 . 6 • 5 50/ 59 .1 1.2 1.7 . 8 • 5 486 486 430 310 58/ 57 .1 1.0 1.7 471 471 460 413 56/ 55 1.4 1.4 461 461 421 352 . 6 .1 1.5 1.2 1.0 1.3 -4/ 53 483 . 9 • 6 483 484 351 52/ 51 .0 1.3 1.4 1.1 1.1 443 443 479 444 49 .1 1.0 1.7 1.7 1.1 . 8 470 470 463 350 . 1 68/ 47 1.3 1.5 1.5 1.0 409 409 554 342 1.3 1.7 1.5 46/ 45 402 432 582 406 44/ 43 . 3 1.1 2.2 347 347 524 368 42/ 41 .0 1.2 2.0 1.0 325 549 • 2 . 0 325 921 0 4 / 39 .1 1.1 230 230 467 37 . 3 146 146 376 466 . 2 . 7 . 7 . 9 129 30/ 35 129 234 511 0 . 4 34/ 33 . 6 74 164 460 . 3 . 2 22/ 31 37 37 106 400 31/ 54 337 29 . 2 • 1 24 24 0 27 10 262 25 189 24/ 23 85 22/ 21 51 NO M Zx' No. Ohe. Mean No. of House with Temperature Element (X) USAFETAC Ret. Hum. ≥ 67 F • 73 F • 80 F • 93 F Dry Bulb Wet Bulb Oew Point



GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR JEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 NO V 0000-0200 Hours (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.8./W.B. Dry Bulb Wer Bulb Dew Point 61/67 10 66/ 65 • 3 • 1 6 6 :4/ 63 . 8 2/ 51 .6 1.4 • 2 26 14 1 26 1 59 1.0 • 3 23 12 5 / 57 .9 1.0 .2 2.3 40 11 25 1.1 .6 .7 1.1 1.1 1.3 54/ 55 26 6 26 37 54/ 53 37 • 3 32 32 15 52/ 51 1.8 2.4 .6 1.0 56 17 56 1.0 2.5 .9 1.0 1.8 1.6 1.0 .2 5 / 49 . 9 56 20 56 56 45/ 47 43 43 40 38 41/ 45 1.7 1.7 1.9 51 51 25 44/ 43 1.8 2.4 1.0 52 48 56 .3 1.7 2.3 1.7 42/ 41 • 5 . 2 59 59 66 44 2.7 1.9 1.5 56 56 38 38/ 37 .3 1.6 2.7 • 6 44 49 57 49 36/ 35 3.3 2.5 49 34/ 33 2.4 3.6 58 1.4 2.5 . 8 39 32/ 31 41 41 53 .3 1.1 2.6 3 / 29 38 38 57 67 .1 1.7 1.4 58 26/ 25 .9 1.0 36 17 17 24/ 23 . 6 25 32 2/ 21 . 6 25 . 8 35 / 19 15/ 17 . 5 3 13 13 9 1./ 11 17 0.26-5 10 • 1 7 2 4 Element (X) No. Obe. Mean No. of Hours with Temperature ≥ 67 F • 73 F • 80 F Dry Bulb Wet Bulb Dew Peint

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATP WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 STATION STATION NAME 0000-0200 HOURS (L. S. T.) 0 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point CTAL 1.532.237.616.6 8.8 3.0 .3 888 888 888 EDITIONS OF PHIS 0-26-5 (OLA) 2 2 71.613.308 42.811.151 Element (X) Ho. Obs. Mean No. of Hours with Temperature USAFETAC 4705356 1740020 63552 38042 ≥ 67 F → 73 F 1 → 1 888 • 80 F = 93 F Total Rel. Hum. 5 0 F # 32 F 90 16.4 Dry Bulb 888 Wet Bulb 1459931 3 1751 39.110.617 888 25.6 90 1155218 34098 33.912.340 42.0 90 888 Dow Point

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY 65-70,75-78 NOV 0 PAGE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 / 69 6 / 67 66/ 65 2 . 1 44/ 63 .2 1.7 14 . 3 .5 1.1 62/ 61 .9 22 22 10 1 59 .8 1.6 28 28 23 5 1 57 • 1 .8 1.2 .2 1.5 35 24 14 35 5 / 55 . 7 19 19 . 9 4/ 53 .8 1.8 42 37 52/ 51 1.2 1.8 35 35 17 21 5 / 49 1.2 1.7 . 5 . 2 . 9 41 41 53 12 . 7 4 2/ 47 3.7 1.4 54 54 41 33 52 46/ 45 2.5 2.0 1.1 . 5 56 29 . 2 56 4/ 43 2.3 2.9 1.1 64 64 40 51 42/ 41 .1 1.7 1.2 1.0 38 55 56 .3 2.9 1.5 29 53 66 3 1 37 .2 1.7 2.8 1.4 . 3 57 57 53 40 36/ 35 .1 2.9 2.7 1.0 60 60 45 64 34/ 33 4.6 2.1 70 39 63 63 . 3 2.5 2.4 . 9 2/ 31 55 55 81 40 .3 1.9 2.3 3 / 29 41 41 53 69 . 1 27 1.5 39 63 18 26/ 25 2.0 . 9 . 1 27 27 39 61 24/ 23 21 21 25 1.6 . 8 32 2/ 21 20 24 . 7 11 11 .6 1.4 12 43 • 5 34 18/ 17 13 4 10/ 15 26 14/ 13 3 3 11 0-26-5 (OL 17/11 12 11 2 61 . 2 2 NOW N Z_X' Ne. Obs. Mean No. of Hours with Temperature USAFETAC ±67 F •73 F •80 F •93 F Ref. Hum. 10F # 32 F Dry Bulb Wet Bulb Dew Peint

(GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS STATION STATION NAME 0300-0500 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Ory Bulb Wer Bulb Dew Point STAL 2.541.334.313.4 5.4 2.4 888 888 888 888 MV1540 8 0-26-5 (OL 73.913.066 Element (X) IX No. Obs. Mean No. of Hours with Temperature 5000663 65621 888 Rel. Hum. 1 32 F 167 F +73 F +80 F +93 F 5 0 F Tetel 36976 19.8 1654424 41.611.374 888 90 Ory Bulb .4 1409013 34041 38.310.832 29.8 90 888 1136908 29810 33.612.387 888 90 Dew Point

SECHAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AL- MEATHER SERVICE/MAC 72424 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 NOV YEARS PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .6 .3 6/ 65 . 2 10 10 .9 4/ 63 . 4 15 15 1 2/ 61 . 2 • 3 9 9 8 1 59 .6 1.2 .1 21 21 15 5 / 57 .3 1.5 2.0 . 7 . 4 • 1 45 45 21 18 0 5 / 55 .1 1.7 .8 31 31 40 19 .9 1.6 1.2 4/ 53 . 1 42 .6 . 1 42 27 33 2/ 51 . 9 .8 .4 .1 26 26 19 27 (5 / 49 1.2 1.9 .6 38 38 38 16 3.3 1.0 1.0 481 47 .2 • 3 52 52 34 29 2.9 1.2 .8 4 / 45 . 8 51: 51 50 32 14/ 43 50 34 67 67 2/ 41 1.9 2.2 . 7 43 53 43 57 4 / 30 .2 2.2 2.1 1.0 51 51 65 40 3 / 37 3.0 1.5 1.3 54 54 53 35 .2 2.9 2.7 .9 31/ 35 60 60 53 58 34/ 33 2.9 3.0 . 9 61 61 53 45 3.6 1.7 32/ 31 51 75 43 51 29 .6 2.8 2.2 3 / 50 50 65 66 2-1 27 2.1 1.1 29 29 47 61 . 7 2-1 25 1.9 23 59 23 38 24/ 23 1.7 . 7 21 2.7 41 21 2/ 21 1 . 7 . 1 16 16 19 30 21/ 19 39 8 8 16 18/ 17 . 9 34 8 8 8 MAISED 16/ 15 • 1 25 0 14/ 13 • 1 1 2 15 1 8 • 3 1./ 11 3 8 9 1 / 9 3 7 3 0.26-5 81 1 7 2 Zy, Element (X) Zx No. Obs. Meen No. of Noure with Temperature USAFETAC 2 0 F ± 32 F 2 67 F • 73 F • 80 F • 93 F Tetel Dry Bulb Wet Bulb Dew Peint

1 GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 NOV 0600-0800 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2.245.133.712.4 4.3 1.7 .7 OTAL 890 890 EDITIONS OF 0-26-5 (OLA) POEM JUL 64 5156638 75.012.716 Mean No. of Hours with Temperature Element (X) No. Obs. USAFETAC 66794 890 ± 32 F 10 F 1620730 36600 41.111.404 90 Dry Bulb 890 38.010.850 33.512.290 1390430 33828 890 31.4 90 Wet Bulb 90 1132413 29835 44.5 890 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724247 FT KNOX/GODMAN AAF KY 65-70.75-78 NO V MONTH 0900-1100 NOURS (L. S. T.) PAGE 1

Temp.		WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31															TOTAL	TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 31	D.8./W.8.	Dry Bulb	Wet Bulb	Dew Poir
7 / 77								.1										1	1		
34/ 73							. 1											1	1		
721 71				• 2	• 1	• 1		•1										6	6		
1 69				. 1	• 3	• 1	- 1											6	6		
6 / 67				. 4	. 4	• 1	• 2		• 1									12	12	1	
6/ 65			. 4	. 9	• 3	. 4	. 1		. 1									21	21	1	1
44/ 63		• 2	. 8	1.1	• 8	. 4												30	30	11	2
42/ 61		. 4	. 6	• 3	. 8	• 6	• 2	.1										27	27		
601 59	• 1	1.1	. 9	1.0	. 8	.6		. 4										44	44	24	
5// 57		1.2	1.1	. 8	. 4	. 8	.6	_										45	45		
5 / 55		. 4	1.2	. 6	1.0	. 7	• 3											39	39	36	-
4/ 53		. 8		1.2	.7	. 7	.6											46	46		
2/ 51		. 7		. 8														46	46		
5 / 49	. 1	. 6		1.3		. 9												54	54		1
4-/ 47		1.2	-			.6												56	56		
4 / 45		1.3			1.6	• 2												61	61	54	
4/ 43		2.4	1.8	. 9	.6	.6												55	55	-	
62/ 41		1.8	1.6	1.9	. 8	• 2	}											56	56	80	
4 / 39		1.1	1.6	1.7	1.2													50	50	6.3	
34/ 37		. 9	1.7		. 1													44	44	51	46
3 - / 35	• 1	1.2			• 3													52	52		
3 / 33	. 1	. 3	2.1	1.3	• 2													37	37	59	
22/ 31	• 2	1.3		. 7	• 1													31	31	54	
3 / 29		. 9	1.1	. 6														23	23	50	41
20/ 27		1.1	1.0	. 1														20	20	31	48
21/ 25		. 4	.7															10	10	23	46
24/ 23			• 1															1	1	15	
2/ 21		. 2	• 2															4	4	7	40
2 / 19		• 3	• 2															5	5	1	35
11/ 17		. 2	. 1															3	3	6	30
16/ 15		• 1																1	1	3	12
14/ 13		. 3																3	3	2	12
1 / 11																				3	6
1 / 9		• 1																1	1	1	5
Element (X)		Z X 2			Z X		X	THE STATE OF THE S		No. Ob	5.				Mean f	to. of H	ours wit	h Tempero	fure		
Rel. Hum.											±01		32 F	× 47	F .	73 F	• 80 F	• 93	F	Total	
Dry Builb																					
Wat Bulb																					
Dew Paint																					

1

0

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USAFETAC NOM 0.26-5 (OL A)

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY NO V 65-70,75-78 0930-1103 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) : / 5 2 1 OTAL .721.028.823.914.3 7.4 2.7 1.0 .2 891 891 891 891 0 ₹ 0 0.26.5 0 NOEM All est ZX' No. Obs. ZX Element (X) 66.115.333 Mean No. of Hours with Temperature 4107878 58938 Rel. Hum. 891 ± 0 F ≥ 67 F + 73 F = 80 F 2030753 41293 46.311.468 891 10.3 2.6 .2 90 Dry Bulb 41.410.580 35.012.516 1629883 36925 891 19.8 90 Wet Bulb 90 Dew Peint 1231033 31187 891 38.5

PSYCHROMETRIC SUMMARY USAFETAC AI . EATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,75-78 PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 8 / 79 7 8 / 77 6/ 75 . 8 • 1 8 8 741 73 . 7 13 13 2/ 71 1.0 • 1 • 3 . 2 22 • 3 22 • 7 . 8 1 69 1.0 32 32 60/ 67 . 2 . 9 . 6 . 4 . 8 .6 • 1 33 33 6/ 65 . 8 • 3 . 7 38 38 . 6 4/ 63 . 2 • 3 • 3 • 3 . 7 • 1 28 28 30 5 . 2 • 3 62/ 61 . 2 . 8 . 6 30 30 23 45/ 59 . 2 . 9 . 2 • 1 • 7 . 2 .6 • 8 33 33 23 15 5 1 57 .9 1.2 1.0 .6 58 58 27 5-/ 55 .2 1.6 . 4 .8 1.0 .6 . 3 46 46 48 16 54/ 53 . 8 . 4 1 . 0 1.1 1.6 57 57 42 52/ 51 .9 1.1 .7 .9 1.3 1.2 21 56 40 56 . 9 5 / 49 .8 1.2 . 9 50 51 51 .4 1.6 4-/ 47 . 8 .6 2.0 53 53 62 47 . 8 52 45/ 45 1.0 1.2 1.0 1.6 64 14/ 43 • 4 1 • 5 1 • 1 .1 1.0 1.1 47 47 38 .2 1.1 1.7 .7 1.6 1.7 . 9 38 35 38 66 4 / 39 . 1 . 8 43 43 57 44 38/ 37 .6 1.7 1.3 40 40 47 36/ 35 . 8 .7 1.7 • 1 36 36 55 • 3 52 34/ 33 . 3 1.2 17 17 54 50 12/ 31 . 4 • 7 38 47 17 17 3: / 29 . 6 11 45 31 11 . 6 . 1 6 21 46 50 8 24/ 23 22/ 21 • 3 37 4 4 9

37

41

40 18 14

Total

2

Meen No. of Hours with Temperature

≥ 67 F + 73 F + 80 F + 93 F

5 32 F

10 F

2

MENOUS 8 9 GLOBAL CLIMATOLOGY BRANCH

0.26-5

25/ 19

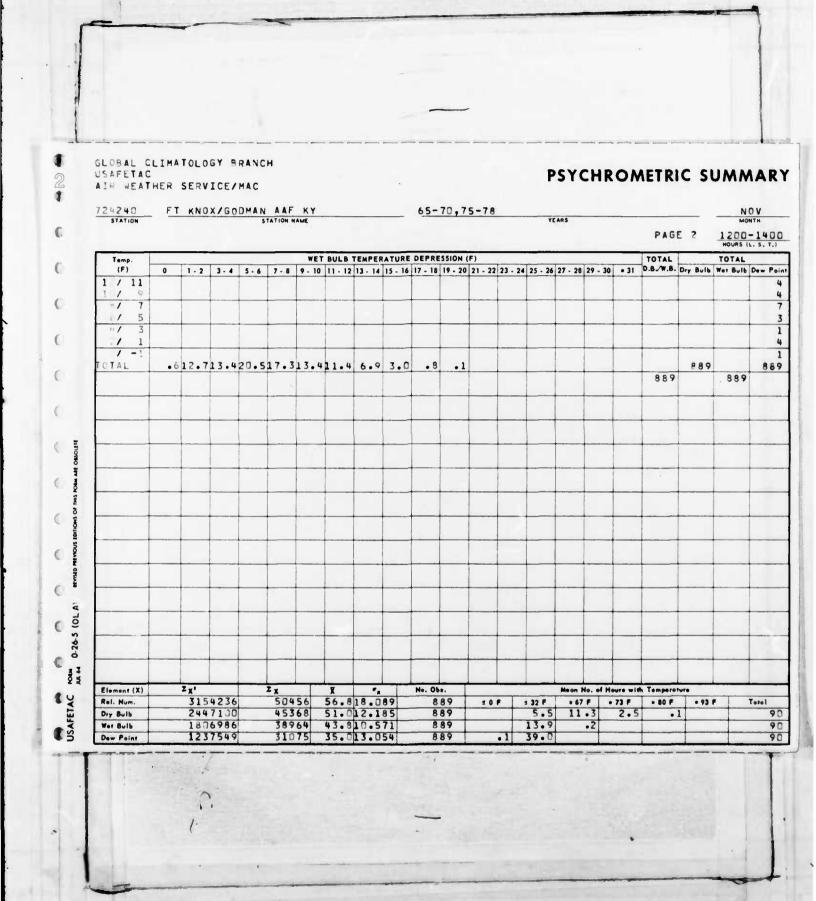
18/ 17

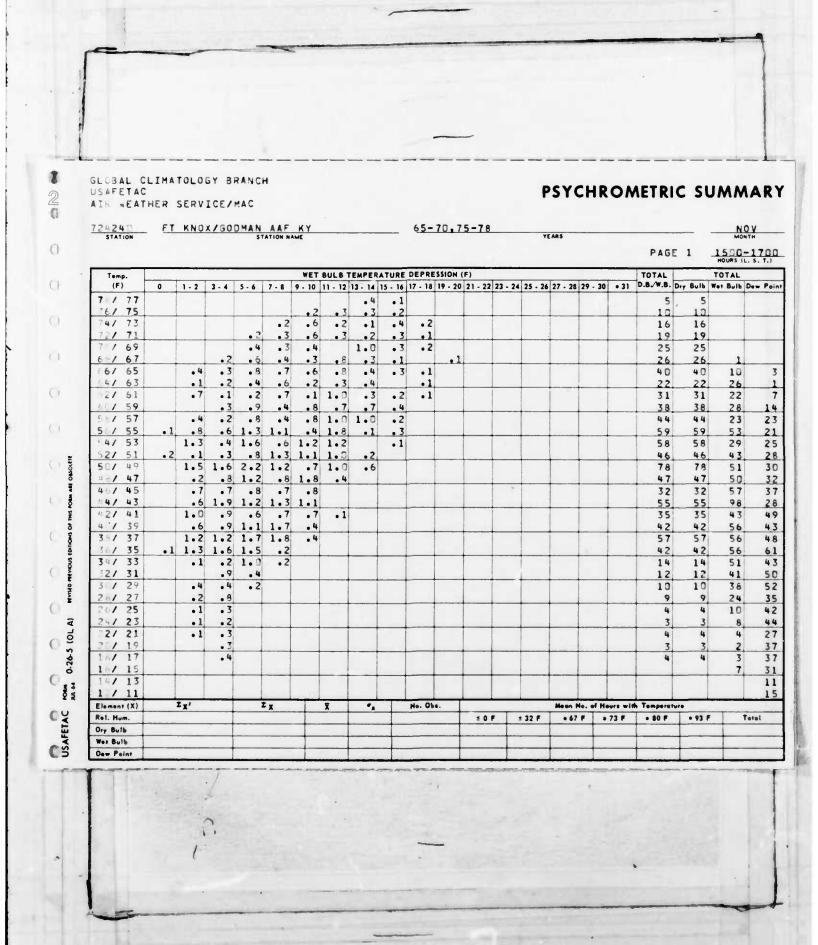
Element (X)

Rel. Hum.

Ory Bulb Wet Bulb Dew Point . 2

ZX





GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 NOV FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS STATION NAME STATION 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. 6 1 1 -1 OTAL .412.116.420.115.813.411.1 6.3 3.3 890 890 890 890 0 0 OL 0.26-5 Mean No. of Hours with Temperature ZX No. Obe. Element (X) 56.918.079 ≥ 67 F + 73 F × 80 F 3170336 890 2 0 F ± 32 ₽ 10.2 Ory Bulb 2410357 45121 50.712.131 890 5.0 3.1 90 890 13.9 1787832 38774 43.610.531 90 Wet Bulb Oow Point 1222739 30871 34.713.073 890 40.1 90

(GLEBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIP WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,75-78 MONTH YEARS PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2/ 71 • 3 . 6 17 17 • 2 5F1 67 . 4 • 3 • 2 13 13 6/ 65 23 23 4/ 63 . 4 • 3 . 7 • 3 25 25 13 1 . 6 . 9 21 61 • 3 33 33 18 8 / 59 .7 1.5 . 9 39 39 30 / 57 .7 1.1 34 .3 1.1 34 18 56/ 55 17 • 7 .6 • 8 . 8 • 1 37 37 25 .9 1.1 54/ 53 62 62 55 27 . 4 . 8 . 7 . 9 • 1 52/ 51 35 1.1 36 24 36 5 / 49 1.3 . 8 • 8 50 50 41 38 42/ 47 .6 2.0 1.9 . 8 • 3 58 58 47 26 41/ 45 51 43 44/ 43 . 7 1.7 1.1 1.8 .6 • 1 53 53 52 31 92/ 41 2.1 1.7 1.8 1.3 66 41 66 69 4 / 39 1.5 .3 1.6 • 3 39 39 67 39 2.4 1.7 2.5 3.0 1.3 1.3 35/ 37 67 67 48 48 34/ 35 57 67 57 63 .4 2.0 2.0 34/ 33 41 41 80 58 .1 1.9 1.5 32/ 31 31 46 31 48 3 / 29 .2 1.0 19 19 45 44 21/ 27 . 3 6 36 41 6 . 8 51 26/ 25 23 24/ 23 . 6 5 5 36 2/ 21 41 35 2 / 19 . 6 5 5 6 (OLA) 17 31 29 10/ 15 0-26.5 1./ 11 14 7 Element (X) Ne. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. • 67 F • 73 F • 80 F 4 0 F ± 32 F Dry Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AF KY 65-70,75-78 NOV STATION NAME YEARS STATION 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

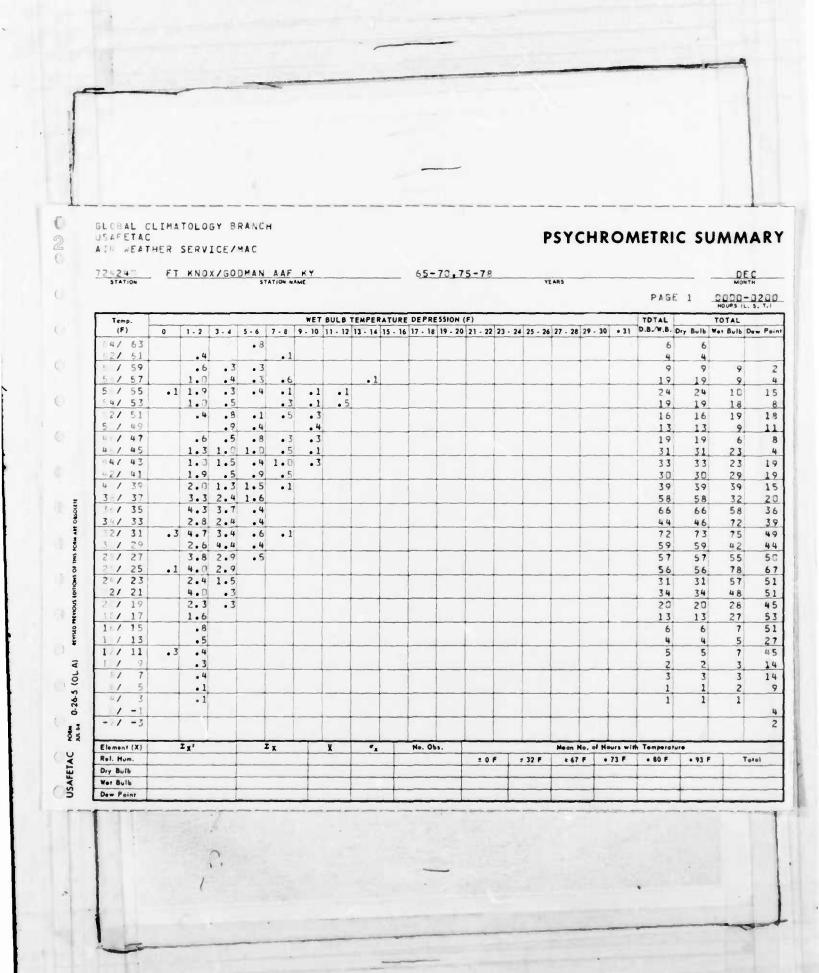
1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B./W.B. Dry Bulb Wer Bulb Dew Peint WET BULB TEMPERATURE DEPRESSION (F) Temp. CTAL .719.523.724.916.510.3 3.6 893 893 893 893 TOTTOMS OF (OLA) 0.26-5 NO M Element (X) Z X2 Z X No. Obs. Meen No. of Hours with Temperature USAFETAC 64.215.898 46.511.456 41.210.626 ≥ 67 F - 73 F 39 78681 57351 893 Rel. Hum. 10 F ≤ 32 F • 80 F • 93 F Total 2044277 893 8.7 3.6 41485 Dry Bulb 90 36822 893 18.6 Wet Bulb 90 1196289 30613 34.312.830 893 40.4 90 Dew Point

GLCBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 72424 FT KNOX/GOOMAN AAF KY 65-70,75-78 MONTH 0 2100-2300 Hours (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) () 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point 1 / 69 5 . 5 . 1 6-1 67 16/ 65 . 6 11 . 5 . 2 11 2 41 63 .9 . 6 15 • 3 62/ 61 .7 1.1 1.4 35 35 10 3 .9 1.1 .6 / 59 . 7 17 23 58/ 57 .6 1.3 .9 1.2 . 5 37 37 22 14 • 7 50/ 55 .9 1.0 20 36 36 33 :4/ 53 .1 1.7 1.2 .9 1.3 50 29 27 50 21 34 27 52/ 51 .7 1.9 38 38 36 51/ 49 .8 1.0 1.7 . 8 1.1 49 45 49 . 9 2.0 1.4 1.4 4-/ 47 54 54 44 4./ 45 1.0 1.8 2.1 1.1 . 1 55 55 41 30 .9 1.1 1.0 44/ 43 37 37 46 41 .1 1.9 1.7 2.9 12/ 41 • 8 69 69 60 43 1.7 1.6 1.6 .8 50 50 28 66 3.0 1.5 2.5 36/ 37 70 70 52 49 3 / 35 .1 2.7 2.0 1.0 59 • 3 55 70 341 33 1.6 2.9 • 7 48 69 49 48 22/ 31 1.0 2.1 1.2 47 40 59 IDITIONS OF 40 3 / 29 .5 2.9 36 36 47 64 .8 1.2 49 18 18 41 26/ 25 •2 37 49 1.1 12 12 24/ 23 9 9 17 36 . 1 13 39 221 21 2 2 29 18/ 17 • 3 31 • 5 30 0-26-5 (OLA) 14/ 13 • 2 2 2 21 1:/ 11 3 4 Element (X) He. Obs. Mean No. of Hours with Temperature +67 F +73 F +80 F +93 F Rel. Hum. 10F s 32 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 PAGE 2 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0. 1 . 2 3 . 4 5 . 6 7 . 8 9 - 10 11 - 12 13 . 14 15 . 16 17 - 18 19 - 20 21 . 22 23 . 24 25 . 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point TATOTAL .725.832.123.512.2 4.7 1.0 888 888 888 888 8 Š 0.26.5 X % 68.514.374 Element (X) ZX' ZX He. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 4349994 60828 888 + 67 F + 73 F - 80 F - 93 F 1 32 F 10F Total 39200 44.111.185 13.5 1841416 1.4 888 90 Dry Bulb 1511704 35400 23.6 Wet Buth 888 1164051 Dew Point 30127 33.912.650 888 43.0 90 . .

0 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.75-78 NOV PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point F 1 79 .0 1 7 -1 77 .0 76/ 75 .0 18 • 1 .0 18 74/ 73 30 30 • 1 . 2 .1 . 1 . 1 • 1 53 53 . 1 1 69 . 2 .0 88 88 . 4 . 2 6-/ 67 . 1 . 3 • 2 . 0 . 0 105 105 .7 61 65 .2 157 • 3 . 1 . 0 157 27 64/ 63 . 7 • 3 . 2 • 5 • 3 . 1 . 1 .0 • C 164 164 88 15 621 51 213 213 119 26 59 . 9 . 7 . 4 • 3 001 . 1 .6 • 3 . 1 258 258 191 89 53/ 57 . 8 1.1 . 4 . 0 338 338 169 186 5 / 55 293 293 . 6 310 135 . 1 1.1 1.2 1.1 . 5 389 4/ 53 . 7 389 252 221 52/ 51 .8 1.4 . 6 . 9 . 6 . 4 339 339 255 183 49 1.5 1.1 417 417 205 366 47 1.7 1.2 1.4 . 6 417 . 7 . 2 417 375 271 0 46/ 45 1.6 1.4 1.5 . 8 409 409 403 278 4/ 43 . 1 1 . 6 2 . 0 1 . 0 . 9 434 434 . 6 461 313 2/ 41 .1 1.6 1.5 . 8 404 464 492 363 4 / 39 .1 1.6 1.3 1.4 . 8 384 384 501 311 438 37 .1 1.8 1.7 1.7 438 406 357 35 361 .2 2.3 2.0 425 1.3 . 3 425 437 490 34/ 33 1.6 2.1 1.0 339 339 513 388 12/ 31 .1 1.3 1.7 . 8 278 278 449 355 401 .2 1.1 1.6 228 228 433 201 27 1.0 . 9 • 1 137 137 281 394 (OLA) 21/ 25 108 108 215 416 24/ 23 . 5 • 5 77 77 133 308 21 21 . 5 49 49 90 263 21/ 19 .5 48 48 51 294 . 1 18/ 17 272 . 3 . 1 32 32 52 15 196 15 15 33 16/ 13 20 . 1 Element (X) ZX X No. Obe. Mean No. of Hours with Temperature 10F 1 32 F • 73 F Dry Bulb Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GODMAN AAF KY 65-70,75-78 NOV YEARS ALL HOUPS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Builb Wet Builb De (F) 1 / 11 • 1 5 93 5 8 49 2 6 3 3 28 . 1 25 23 16 3 CTAL 1.226.227.519.411.8 7.0 3.9 1.9 .8 .2 7117 7117 7117 7117 0.26-5 (OL A) ZX Element (X) Zx2 X No. Obe. Mean No. of Hours with Temperature USAFETAC • 67 F • 73 F Rel. Hum. 474166 66.616.608 7117 4 0 F ± 32 F • 80 F Dry Bulb 15797077 324085 45.512.085 7117 100.7 5.9 720 30.8 . 1 12614321 289505 40.710.854 176.6 7117 Wat Bulb .6 720 34.212.652 Oow Point 9476100 243586 .3 331.6 72C



GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 724243 FT KNOX/GODMAN AAF KY 65-70,75-78 YEARS STATION STATION NAME PAGE 2 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 OTAL .850.431.910.6 4.2 1.5 797 794 . 6 . 1 794 794 0-26-5 (OL A) Element (X) ZX ZX No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4248565 57161 72.012.974 794 10F • 67 F • 73 F • 80 F * 93 F ± 32 F 35.211.180 32.210.531 42.6 28026 797 1085004 Dry Bulb 909529 25541 794 51.3 Wet Bulb 93 678621 21171 26.711.996 794 67.5 93 Dew Peint

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-78 DEC PAGE 1 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 3 • 1 64/ 63 -2/ 61 50/ 59 • 3 • 1 . 4 . 3 8 8 3 / 57 10 5 . 6 . 1 10 7 51/ 55 7 1.6 . 4 11 16 16 4/ 53 1.3 . 3 19 19 .3 1.3 2/ 51 . 1 . 6 . 3 20 20 10 12 5 / 40 .5 9 9 • 1 • 1 . 3 8 .4 40/ 47 .5 .8 .1 . 4 17 17 17 9 4 / 45 . 6 .5 1.1 12 22 22 44/ 43 1.3 1.4 • 5 . 4 • 1 29 29 8 2/ 41 1.6 .6 1.0 27 27 20 4 / 2.4 1.3 . 8 37 37 37 17 . 3 3./ 37 4.9 1.9 1.4 65 43 26 O see 30/ 35 3.3 2.9 50 50 59 35 3 - / 33 3.7 3.3 58 48 34 55 .4 4.7 3.4 32/ 31 . 8 73 73 79 59 0 3 / 29 3.7 3.7 58 58 50 39 2 / 27 .1 4.5 2.1 40 54 54 62 21/ 25 . 3 4 . 3 2 . 4 57 57 72 64 0 24/ 23 2.7 1.4 32 32 52 58 4.5 1.0 40 2/ 21 44 44 63 3.4 27 27 45 48 1-/ 17 2.0 30 38 16 16 14/ 15 1.3 10 10 15 51 14/ 13 1.1 9 9 6 37 1 / 11 4 33 4 . 1 . 4 11 B 21 • 3 15 0.26-5 (OL 10 4/ 3 3 3 2 1 -1 4 Element (X) No. Obs. Mean No. of House with Temperature USAFETAC - 80 F • 93 F ≥ 67 F = 73 F Rel. Hum. 1 0 F 1 32 F Dry Bulb Wet Bulb Dew Paint

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 DEC YEARS STATION STATION NAME 0300-0500 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 O.B./W.B. Ory Bulb Wet Bulb Dew Point (F) 1.156.630.4 7.3 2.8 1.6 OTAL 795 792 792 792 8 9 0.26-5 2 x 58559 73.911.868 Element (X) ZXZ No. Obs. Mean No. of Nours with Temperature D D USAFETAC 792 Rel. Hum. 4441155 +67 F +73 F +80 F +93 F 1 0 F ± 32 F Total 795 27069 45.9 1023917 34.011.348 93 Dry Bulb 870558 Wet Bulb 24846 31.410.732 792 55.3 93 .6 68.6 662473 20841 26.312.008 792 93 Dew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIF WEATHER SERVICE/MAC 72424" FT KNOX/GODMAN AAF KY 65-70,75-78 DEC YEARS PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 x 31 D.8 W.S. Dry Sulb Wet Sulb Dew Point (F) 66/ 65 . 1 1 64/ 63 2/ 61 . 3 . 2 13 13 1 59 .6 9 :/ 57 . 7 . 5 10 10 12 9 5-/ 55 16 4/ 53 . 2 • 9 16 16 23 12 13 2/ 51 12 12 5 / 49 • 3 • 3 • 6 17 17 12 9 45/ 47 1.4 25 25 17 . 7 . 9 45/ 45 . 5 • 3 • 3 24 24 15 16 2.3 44/ 43 . 6 . 8 • 3 36 36 9 "2/ 41 1.4 . 2 18 18 31 18 . 1 • 1 . 2 4 / 39 2.1 34 34 25 34/ 37 .1 3.1 1.4 . 8 47 47 37 19 3 / 35 3.6 1.9 44 50 50 33 311/ 33 • 5 .1 5.0 4.5 . 1 89 91 55 28 2/ 31 . 3 4 . 4 4 . 4 84 53 82 82 3.1 3.2 3 / 29 55 55 74 46 2-1 27 5.4 2.4 68 68 72 59 75 24/ 25 .5 3.7 1.3 54 47 47 24/ 23 4.4 43 43 52 64 2/ 21 4.5 . 9 50 67 58 48 48 40 43 / 19 .3 3.6 40 1 / 17 • 2 2.8 26 26 45 44 10/ 15 .7 1.0 15 27 15 61 14/ 13 6 6 52 (OL A) 1.1 33 1 / 11 13 13 12 . 2 9 22 . 1 31 3 7 13 0.26.5 5 . 2 2 2 12 8 3 Element (X) No. Obs. Mean No. of Hours with Temperature ±67 F •73 F •80 F •93 F Rel. Hum. Total 10F 1 32 F Dry Bulb Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 724240 STATION 65-70,75-78 YEARS 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) -1/ -3 -1/ -9 -1 /-13 1 3.259.628.3 5.8 2.3 874 872 872 872 8 10 0-56-5 10 PM Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 65545 28832 75.211.460 5841167 872 Rel. Hum. 1 32 F ≥ 67 F • 73 F • 80 F • 93 F 48.3 Dry Bulb 1067412 874 . 1 919074 26642 30.610.984 872 59.4 93 Wer Bulb 25.712.303 70.1 709724 22448 93 Dew Point 872

1 GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724241 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70.75-78 DEC 0 0900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 / 69 • 1 6:1 67 2 66/ 65 (4/ 63 9 . 8 62/ 61 . 1 . 2 . 1 14 14 3 / 59 . 3 • 2 . 2 • 1 • 1 9 17 50/ 57 11 14 . 4 . 2 . 2 . 2 • 1 11 7 5 / 55 .5 19 19 10 19 54/ 53 . 9 • 5 . 3 . 5 . 3 24 24 19 2/ 51 . 7 . 9 . 1 . 7 . 4 25 25 15 5 / 47 .5 1.0 . 2 . 2 . 5 25 25 18 () 41/47 . 9 1.3 37 37 23 41/ 45 1.4 . 8 . 9 . 8 38 38 27 23 54/ 43 30 30 15 . 9 32 42/ 41 1 . 4 .4 1.5 1.2 42 42 36 23 4 / 39 1.6 2.3 1.1 48 48 35 21 3./ 37 36 3.0 1.5 1.9 64 64 41 36/ 35 .1 2.6 3.6 2.2 81 81 67 .1 4.3 4.4 1.4 93 34/ 33 93 73 34 3.3 3.4 1.9 2/ 31 78 78 96 31 29 2.5 3.3 . 3 56 56 21/ 27 2.3 3.0 51 69 21/ 25 2.5 2.1 42 42 62 75 24/ 23 2.2 1.9 37 37 51 21 22/ 21 1.2 1.1 21 42 65 19 25 50 1.4 18 18 18/ 17 . 4 12 12 22 47 . 1 . 8 . 4 4 51 13 • 1 32 **6 6 7** 1 1 12/ 11 . 8 32 0.26.5 5 5 8 18 5 2 Mean No. of Hours with Temperature Element (X) No. Obs. 1 32 F Dry Bulb Wer Bulb Daw Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 724240 65-70,75-78 DEC STATION YEARS PAGE 2 0900-1100 NOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 0 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 . 1 1 -1 2 -11 -7 1 --/ -9 / /-11 1 CTAL .740.034.115.9 6.8 2.3 912 912 912 912 (OLA) 0.26-5 9 2 Element (X) ZX No. Obs. Mean No. of Hours with Temperature ZX USAFETAC 912 63646 69.813.658 4611620 Ret. Num. 10F ± 32 F ≥ 67 F | • 73 F | • 80 F | • 93 F • 1 Dry Bulb 1336429 33363 36.611.281 912 34.4 93 1107061 30267 33.210.611 912 49.9 93 Wet Bulb 815495 912 24823 66.8 Dew Point 27.212.390 93

Temp.		.4 .1 .2 .1 .3 .3 .2 .1 .7 .7 .4 .2 .1 .4 .1 .2		BULBT											TOTAL		TOTAL				
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 31	0 • 31	D.B./W.B.			Dew Per
72/ 71				i		.2	+											2			
7 / 69					. 4							1						5			
68/ 67				• 1		-												4			
6/ 65								. 2				1			4			9		1	
64/ 63		• 3	. 2	-		-		• 3										17	17		
62/ 61						1	7 4	4					1					19			
6 / 59		. 1	-															16		1	
5 / 57		• 5			1	1						1						24		1	1
5 1 55		. 4	+	+														29			
4/ 53		. 4	1 1	1				-					1					30			
92/ 51		1.1	-	-		-												53	-	-	
5 / 49		. 7	1	1	1										1			32		1	
4 / 47		2.3			1.2													54			
4// 45		. 4	1	1	1.4	1	1			/								29	5 3	3	
44/ 43		. 8	+		1.8	-						()	1					45			
2/ 41		1.2		2.1			1				(1	1					58			
4 / 39		++	1.3															68		-	
3 - / 37	. 2	1.5		2.9			1 2		1			4						68	-	1	
36/ 35	• 1	-	3.1			+												71		-	
34/ 33	. 1		2.5	i			4											79	_		-
32/ 31			3.0			_					7							71			
3 / 29		. 5		1.3							()							32			
2 1 27		1.0		1.0	+								1					35	-		
20/ 25	1	. 3	1		(7									21			
24/ 23		- 1																7	-	+	
2/ 21	4/		. 4		1													4	4		
2 / 19		- 1	• 5															6	6	7	1
1 -/ 17		• 3	1															7	7	7	
16/ 15		. 8	4															7	7	+	-
14/ 13		• 3							(3	3	7	
12/ 11		.2																3	3	+	
1 / 9		• 3	3															3	3	2	
3/ 7		• 1																1	1		
6/ 5																				1	
Element (X)		ZXI		7	ZX		Ī	**		No. Ob	18.				Mean	No. of H	lours wit	th Temperet	ture		
Rel. Hum.												± 0 F	1	1 32 F	• 67	F	• 73 F	≥ 80 F	• 93 F	/	Tetel
Dry Bulb								-													
Wet Bulb																					
Dew Point															1						

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 DEC STATION NAME YEARS STATION 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 14 1 -1 1 1 -3 -4/ -5 3 .421.725.524.115.5 8.4 2.7 1.4 912 912 912 ĝ 0.26.5 10 17 Mean No. of House with Temperature X 61.716.509 No. Obs. Element (X) 56261 912 3719017 Ref. Hum. ≤ 32 F ≥ 67 F • 73 F + 93 F Dry Bulb 1661660 37514 41.111.408 912 20.4 1.1 1285027 32901 36.110.377 912 37.9 93 Wet Bulb 867925 25665 28.112.645 912 62.8 93

13 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY 2 AIF WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 65-70,75-78 DEC PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 72/ 71 . 2 1 69 6:/ 67 . 3 4 . 2 66/ 65 6 64/ 63 • 5 .7 . 1 . 1 17 17 2/ 61 21 21 . 3 • 2 59 . 2 • 5 . / . 8 21 21 16 58/ 57 . 5 25 . 1 10 • 3 5:/ 55 . 3 1.3 • 5 35 35 15 • 1 23 94/ 53 • 5 29 29 52/ 51 . 4 .3 1.0 1.0 36 36 14 23 51/ 49 .5 1.0 1.1 41 41 18 21 48/ 47 25 1.3 .4 .7 1.0 1.3 46 46 29 4-/ 45 2.0 29 45 45 50 .5 1.1 1.6 44/ 43 . 8 1.2 48 48 49 16 .5 1.0 2.0 2.1 42/ 41 57 57 43 1.6 1.8 2.2 1.2 4 / 39 • 5 67 52 25 67 3 1 37 2.0 1.2 1.9 1.1 60 60 35 36/ 35 2.1 1.4 2.5 1.0 28 64 65 84 34/ 33 1.8 2.0 3.0 1.0 73 73 70 47 *2/ 31 1.8 2.2 2.6 67 67 60 .8 2.9 1.3 3 / 29 47 47 54 72 28/ 27 1.1 2.4 • 3 35 35 51 .3 1.4 19 19 68 68 24/ 23 • 5 • 1 6 6 32 56 2/ 21 57 . 7 44 6 6 5 8 . 8 50 44 14/ 15 . 2 15 ŝ 14/ 13 . 5 0.26-5 1.7 11 25 19 14 15 Element (X) No. Obs. Mean No. of House with Temperature USAFETAC Rel. Hum. 1 32 F Dry Bulb Wet Bulb Dew Point 6 0

0 GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC 2 AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY DEC 65-70,75-78 YEARS STATION STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 41 10 / -1 --/ -5 1 TOTAL .720.924.222.917.010.2 2.9 911 910 913 910 DESCRETE (OLA) 0.26-5 (1 1 No. Obe. Mean No. of Nours with Temperature Element (X) USAFETAC 55180 37568 60.617.003 3608754 910 Rel. Hum. • 67 F • 73 F . 80 F • 93 F 10F 1 32 F Total 1665746 911 41.211.315 1.0 Dry Bulb 21.3 1278762 32832 910 36.010.297 37.2 93 Wet Bulb 850391 25255 27.812.824 910 63.4 93 Dew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME 65-70,75-78 DEC YEARS () PAGE 1 1830-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Daw Pein 1 / 69 68/ 67 66/ 65 • 1 1 1 4/ 53 • 3 . 5 10 10 62/ 61 . 4 . 1 2 1 59 .9 5 1 57 - 1 • 1 12 12 11 3 51 55 9 1.3 1.1 . 5 25 25 54/ 53 1.4 . 9 . 4 . 5 . 1 . 5 30 30 16 15 2/ 51 .5 1.4 23 23 15 . 3 28 5 / 49 .3 1.0 27 . 8 27 18 16 . 4 4. / 47 . 3 . 9 . 6 25 25 18 20 45/ 45 1.3 .6 1.1 1.1 36 36 21 16 4/ 43 1.6 1.1 2.4 1.6 54 54 26 . 9 42/ 41 .6 1.5 2.3 42 42 36 15 39 2.0 1.4 1.4 42 42 39 20 3 / 37 2.5 2.6 2.8 63 60 31 30/ 35 2.6 2.6 2.5 68 62 28 66 3 / 33 •4 1.6 3.1 3.1 66 67 72 32 12/ 31 .1 2.4 2.4 2.1 56 56 64 3 1 1.5 4.9 29 56 46 56 63 . 6 27 .8 4.0 44 44 63 52 20/ 25 1.3 3.4 37 37 59 56 24/ 23 55 23 44 .6 2.1 2/ 21 • 3 . 6 37 48 . 4 19 . 8 10 51 47 18/ 17 . 9 . 1 8 8 12 0-26-5 (OL A) . 4 39 5 14/ 13 30 . 6 1 . / 11 . 1 29 17 . 3 2 • 3 14 5 Z X' ZX No. Obe. Mean No. of Hours with Temperature Rel. Hum. + 67 F + 73 F + 80 F 10 # 1 32 F • 93 F Dry Bulb Wat Bulb Daw Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 724240 STATION FT KNOX/GODMAN AAF KY DEC 65-70.75-78 STATION NAME YEARS 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 01 799 796 TOTAL .927.336.124.0 9.0 1.9 . 3 .5 • 1 796 796 8 10 0.26-5 (NO MA 53097 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 66.714.224 38.210.768 796 Rel. Hum. 3702669 +67 F •73 F •80 F •93 F 10 F s 32 F Total 30482 799 1255424 Dry Bulb 29.6 27236 1014348 34.210.183 796 43.3 93 Wet Bulb 723396 21934 27.612.235 796 65.3 Dew Point 93

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724240 FT KNOX/GODMAN AAF KY 65-70,75-78 DEC VEARS PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.B. W.B. Dry Bulb Wet Bulb Dew Pain 66/ 65 . 1 . 1 2 6/ 63 -2/ 61 . 1 .6 • 1 7 7 1 1 59 • 1 5 / 57 . 0 . 1 • 1 . 3 20 20 9 1 4/ 53 1.1 . 5 . 9 . 4 23 23 5 23 2/ 51 . 3 1.1 1.1 20 20 15 5 / 49 . 1 .5 1.4 - 1 19 19 17 18 . 8 4 = 1 47 . 9 19 19 21 11 .9 1.0 41/45 . 9 1.0 . 1 31 31 17 10 14/ 43 .8 1.1 25 25 27 27 62/ 41 2.0 1.5 1.9 1.3 11 53 53 22 2.2 1.3 1.7 40 40 40 18 08301878 3 / 37 .1 2.7 2.8 1.4 56 55 56 30 3 / 35 3.4 2.5 .5 52 • 1 52 51 33 3 / 33 2.4 2.9 . 6 49 . 3 52 68 26 12/ 31 .3 3.8 4.8 1.4 82 82 42 • 1 56 5 / 29 1.7 5.3 . 4 58 58 56 57 3.2 3.1 53 53 64 57 21/ 25 2.3 4.1 50 50 76 49 2 1/ 23 1.1 1.3 19 19 46 52 .1 2.5 2/ 21 . 8 42 27 27 43 1.7 . 4 20 63 11/ 17 • 3 10 10 50 20 9 37 3 3 14/ 13 . 5 4 32 â 1 / 11 .6 5 28 60 . 5 4 4 5 25 . 4 9 0.26.5 1 5 7 3 5 Mean No. of Hours with Temperature CY Rel. Hum. ≥ 67 F • 73 F • 80 F • 93 F 10F 1 32 F Total Dry Bulb Wat Bulb De- Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIF WEATHER SERVICE/MAC 72-249 STATION FT KNOX/GODMAN AAF KY 65-70,75-78 2100-2300 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B./W.B. Dry Bulb Wet Bulb Dew Point OTAL .839.138.715.1 4.6 . 9 .6 .3 786 786 786 â 10 0.26-5 NO MA 55125 Ne. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC 70.113.356 Rel. Hym. 4006151 786 10F ≤ 32 F ≥ 67 F • 73 F → 80 F • 93 F 28580 25859 36.211.047 32.910.459 1131416 789 39.4 Dry Bulb 48.4 786 936617 93 Wet Bulb 21227 27.012.188 786 Dew Peint 689883 66.7 93

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 724247 FT KNOX/GOOMAN AAF KY
STATION STATION NAME 65-70,75-78 DEC YEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 72/ 71 4 4 1 69 12 12 6 / 67 12 • 1 • 0 12 6/ 65 21 21 • 3 . 2 .0 53 . 4 . 2 • 0 . 0 62 62 101 101 59 • 1 88 88 75 12 • 1 1 57 . 4 131 . 6 131 76 52 . 1 • 1 5 / 55 • 6 1.1 . 4 . 2 • 3 . 2 .0 190 .190 105 95 .9 190 190 4/ 53 148 108 . 8 . 2 92/ 51 . 6 . 4 . 5 2051 205 141 105 49 183 183 . 5 .6 126 122 -1 47 1.0 . 7 .5 242 242 119 - 6 . 6 • 1 164 4 / 45 . 4 256 1.1 . 3 256 214 133 114/ 43 1.2 1.0 1.0 • 3 302 302 244 131 1.0 12/ 41 1.4 . 7 1 . 4 327 327 255 126 39 . 2 2 . 3 1 . 6 1 . 4 375 375 312 167 .1 2.8 1.9 481 37 481 388 243 3 / 35 2.9 2.7 1.4 500 503 258 • 3 494 THIS 34/ 33 3.0 3.1 1.5 548 559 535 272 ð 581 582 424 12/ 31 3.3 3.4 1.6 617 2.0 29 3.6 . 6 421 421 519 398 2-1 27 .0 2.7 2.7 397 397 439 . 4 516 / 25 .1 2.3 2.4 329 329 517 539 1.7 241 23 1.2 198 198 366 468 • 0 2/ 21 2.1 191 191 292 447 / 19 .1 1.6 142 142 183 397 103 8 17 1.2 • 3 103 178 371 15 366 1:/ • 1 . 6 • 12 52 52 101 0.26-5 (OL 14/ 13 40 40 40 295 1 / 11 . 1 . 5 38 38 52 246 9 22 22 34 163 7 106 5/ 16 14 74 Element (X) ZX2 ZX No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 10F ± 32 F • 93 F Ory Bulb Wet Bulb Dew Peint

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FT KNOX/GODMAN AAF KY 724240 STATION 65-70,75-78 DEC YEARS STATION NAME PAGE 2 ALL HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 0.8-W.B. Dry Bulb Wet Bulb Dew Point 41 43 • 1 .0 6 34 / -1 3 27 - / -3 5 -4/ -5 6 -- / -9 2 1 /-11 -1 /-13 1.139.030.915.9 8.0 3.6 . 9 6774 6774 6774 (OLA) 0-26-5 10 20 X Element (X) Z X2 z x No. Obe. Meen No. of Hours with Temperature 464574 F = 32 F 33379098 68.614.969 6774 ≥ 67 F = 73 F Ret. Hum. 5 0 F • 93 F 10227008 251434 37.011.610 6789 744 3.1 Dry Bulb 226094 .4 381.2 8320976 33.410.695 6774 744 Wet Bulb 5997908 183364 27.112.359 6774 4.7 530.6 744 Dow Point

1 SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC 724249 FT KNOX/GODMAN AAF KY
STATION NAME 65-70,75-79 ALL YEARS PAGE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 58/ 97 .0 .0 • 0 • 0 36/ 95 .3 37 37 4/ 93 .0 .0 .0 132 . 0 .0 • 0 . 0 133 1 91 .0 .0 . C . 0 290 292 • 1 .0 • 0 . 2 0 / 89 • 0 . 1 . 2 .0 .0 601 604 38/ 87 895 896 . 0 • 0 .0 26/ 85 .0 .0 • 1 . 3 • 3 . 3 . 2 . 2 . 1 .0 • 0 1287 1287 4/ 83 • 0 .0 .0 1636 1636 . 1 1 81 . 5 . 3 • 3 . 0 . 3 . 1 . 4 • 3 • 1 .0 .0 1972 1972 28 2 79 . 1 • 5 • 5 . 4 . 1 • 0 . 0 2243 2243 156 14 . 2 7 / 77 . 0 . 4 . 5 • 3 2473 2473 • 3 .6 . 2 .0 .0 . 0 520 63 76/ 75 . 5 2978 2982 1339 • 3 741 73 . 8 . 4 . 2 3365 3369 2490 • 3 1.0 . 2 . 1 .0 676 72/ 71 .5 1.1 3676 3677 3071 . 8 .0 .0 1529 1 69 .6 1.3 . 1 .0 3767 3771 3875 2604 . 3 64/ 67 .6 1.1 . 6 . 6 . 1 • 0 .0 3472 3475 4437 3621 . 1 . 1 86/ 65 . 0 .6 1.1 . 8 • 5 . 3 .2 . 1 . 1 .0 3461 3461 3904 3796 64/ 63 3256 3263 4002 3331 .7 1.0 • 0 . 8 52/ 61 . 9 . 4 • 3 . 2 3172 3174 3806 3348 . 0 . 8 • 0 . 7 .2 . 1 59 .8 1.0 . 4 . 3 3106 3107 3921 . 2 . 1 . 9 5 4/ 57 2828 2828 3673 3710 • 3 • 5 . 0 . 6 • 3 . 1 56/ 55 .8 . 8 . 4 . 0 2680 2680 3417 3495 54/ 53 . 0 .8 . 6 • 5 . 4 . 4 . 1 2577 2577 3269 3246 2/ 51 .0 .5 2352 2352 2700 3366 • 6 .7 . 4 50/ 49 • 5 . 6 • 5 . 4 . 4 2299 2299 2536 2893 40/ 47 . 5 . 7 . 5 2287 2287 2695 2612 46/ 45 2276 2276 2689 2446 . 7 . 6 . 6 • 5 . 2 .0 44/ 43 2281 2281 2664 2277 42/ 41 . 8 . 7 • 5 . 7 . 1 .0 2365 2365 2656 2346 4 / 39 . 8 . 8 • 3 2334 2334 2747 2144 3 1 37 . 7 2249 2249 2628 2372 . 9 . 2 . 0 .9 1.0 36/ 35 2268 2275 2598 2721 34/ 33 1.1 1.0 .0 2358 2370 2701 2383 12/ 31 .1 1.0 1.0 2269 2272 2850 2786 . 0

***** x

No. Obe.

10F

1 32 F

≥ 67 F

Mean No. of House with Temperature

• 80 F

• 73 F

8 9 0-25-5

Element (X)

Rei. Hum.

Dry Bulb Wet Buth Dew Point

USAFETAC FOLM 0-26-5 (OLA) HIVING MEYOUS EBITOMS OF THIS FOLM ARE OKONET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	-1	KNU.	. / 60	DMAN	TATION H					0 3 4	70,79			YEA	RS					NTH
																	PAG	Ε 2	HOURS (L. S. T.I
Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION ()					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26 2	27 - 28 29 - 30	• 31	D.B./W.B.			
3 / 29	• 0	. 8	1.1	• 2	• 0	• 0												1890		
28/ 27	• 0	. 9	. 8	. 2	.0		-									-	+		2169	
26/ 25	• 13	. 9	• 7		.0								1	1	j		-		2214	
24/ 23	0.0	.7	• 5	.0	.0			-						-		-	886		1674	
2 / 19	• i)	• 6	• 3										1	-			815	819		216
1-/ 17	. 3	. 6	• 2	• 0			-	-								-	654	657		1932
16/ 15	O.	4	. 1											-			461	462		1579
14/ 13	.0	3	.1													-	336	336		128
1 / 11	. n		.0	,									1				287	287		1046
1/9	.0	• 2	.0						-								229	229	300	91
81 7	.0	- 2	• 0								}	j					194	195	237	76
6/ 5	• 0	• 2															173	173	208	
4/ 3	. 0	. 1															135	135	157	357
4/1	. 0	• 1															126	126	134	369
/ -1	- 1	• 0												-			98	98	122	253
/ -3	.0	• 0															50	50	65	241
-=/ -5	• 13	.0												_ 1			28	28	31	190
-61 -7	. 0	• []															25	25	27	140
-8/ -9	• 0															-	10	10	11	113
/-11	• 0																9	9	9	79
1 /-13	• 0																7	7	7	4:
14/-15	• 3											1	- 1	İ			4	4	4	28
16/-17																				22
10/-19																1	1			16
/-21																-	-			1
22/-23													1							15
24/-25						-		6 0					-	-		-	-	25055		2500
OTAL	1 • 4	23.1	23.8	15.9	11.1	8.1	6.0	4.8	3.2	1.7	. 7	• 2	.0	.0			85881	85955	85881	85881
Element (X)		Z x 1			Z _X	-	¥	•.		No. Ob	•.				Mean Ne. of N	ours wit	h Tampere	lure		
Rel. Hum.		1572	8383		7160	17	66.6			858		101	1	32 F		73 F	- 80 F	• 93		Total
Dry Bulb		9314			7330		55.1			859	55	23.			901.518	01.2	808.	3 17	.6	876
Wet Bulb	2	3269	1869	4	2186		49.1			858	81	28.	5180	2.5	597.8 4	54.9	7.	7		876
Dew Point	1	9090	3335	3	7082	23	43.2	18.9	34	858	81	119.	. 1281	4.3	876 .8	99.3	1.	0		876

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724240

FT KNOX/GODMAN AAF KY

65-70,75-79

STATION			\$T.A.1	ION NAME						YEARS				
IRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	26.3	31.9	40.7	52.1	59.1	66.4	70.2	68.7	62.6	50.7	42.8	35.2	51.1
0-03	S D	14.086	12.433	11.838	9.951	7.929	5.983	5.366	5.628	7.939	9.3501	1.151	11.180	17.464
	TOTAL OBS	891	763	837	810	834	900	930	929	900	930	888	797	10409
	MEAN	24.9	30.3	38.8	49.6	56.9	64.3	68.3	66.8	60.8	48.7	41.6	34.0	49.3
3-05	S D	14.378	12.560	12.064	10.181	8.370	6.166	5.530	5.850	8.216	9.6871	1.374	11.348	17.392
	TOTAL OBS	891	762	837	811	865	900	926	927	900	930	888	795	10432
	MEAN	24.3	28.7	38.5	50.8	59.9	67.9	71.2	68.9	62.0	49.2	41.1	33.0	49.9
06-05	S D	14.671	12.699	12.078	10.112	8.867	6.524	5.724	5.945	8.204	9.6131	1.404	11.541	18.701
	TOTAL OBS	907	844	930	900	927	900	930	929	900	930	890	874	10861
	MEAN	27.5	33.3	44.7	58.4	68.0	75.6	79.2	77.1	70.3	57.7	46.3	36.6	56.4
99-11	S D.	14.321	12.339	12.716	10.707		7.152	6.000	6.107		9.5401		11.281	20.198
	TOTAL OBS	914	846	930	900	927	900	930	930	900	930	891	912	10910
	MEAN	31.8	38.5	49.8	63.7	72.4	79.8	83.5	81.6	75.3	63.6	51.0	41.1	61.2
12-14	S D	13.829	12.574	13.462	11.111	9.485	7.182	6.148	6.172	8.397	9.8301			20.215
	TOTAL OBS	915	846	930	900	927	900	928	930	900	930	889	912	10907
	MEAN	32.6	39.8	51.0	64.8	73.0	80.2	83.6	82.0	75.4	63.4	50.7	41.2	61.7
15-17	S D.	13.378		13.455	10.765	9.209	6.901	6.391	5.863	8.281	9.7131	2.131	11.315	20.016
	TOTAL OBS	915	846	930	900	927	900	930	930	900	930	890	911	10909
	MEAN	29.9	36.2	46.9	60.4	68.3	75.5	78.7	76.4	69.1	57.0	46.5	38.2	57.3
18-20	S. D.	13.229	12.249	12.411	10.142	8.867	6.573	6.210	6.023	8.001	8.9191	1.456	10.768	19.030
	TOTAL OBS	905	846	930	900	927	900	930	930	900	930	893	799	10790
	MEAN	27.9	33.2	43.1	55.5	62.4	69.7	73.1	71.4	64.7	53.0	44.1	36.2	53.2
21-23	\$. D.	13.668	12.021	11.736	9.614	7.896	5.947	5.415	5.566	7.700	9.0131	1.185	11.047	17.821
	TOTAL OBS	900	846	930	899	897	900	928	930	900	930	886	789	10737
	MEAN	28.2	34.1	44.3	57.1	65.2	72.4	76.0	74.1	67.5	55.4	45.5	37.0	55.1
HOURS	S D.	14.237	12.950	13.279	11.688	10.532				9.807	10.9851	2.085	11.610	19.452
	TOTAL OBS										7440			85955

USAFETAC FORM 0.89-5 (OL1)

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724248 FT KNOX/GODMAN AAF KY 65-70,75-79

STATION STATION NAME YEARS

RS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
	MEAN	24.2	28.9	36.5	46.6	54.9	62.1	66.1	64.6	59.0	46.9	39.1	32.2	47.3
0-02	S D	13.304	11.531	10.634	9.447	7.898	6.008	5.226	5.691	7.810	9.324	10.617	10.531	16.794
	TOTAL OBS	385	763	837	810	831	900	924	929	900	930	888	794	10391
	MEAN	23.1	27.8	35.3	45.1	53.2	60.9	64.9	63.4	57.8	45.6	38.3	31.4	46.1
03-05	S D	13.638	11.729	11.016	9.735	8.349	6.233	5.363	5.907	8.029	9.557	10.632	10.732	16.844
	TOTAL OBS	885	762	837	811	862	900	919	927	900	930	888	792	10413
	MEAN	22.7	26.4	35.1	45.8	55.1	62.9	66.7	64.7	58.6	46.1	38.0	30.6	46.3
16-08	S D	14.024	11.950	11.020	9.576	8.525	6.104	5.304	5.734	7.883	9.333	10.850	10.984	17.654
	TOTAL OBS	901	844	930	900	927	900	930	929	900	930	890	872	10853
	MEAN	25.2	29.8	39.2	50.1	59.1	66.4	70.0	68.4	62.7	51.0	41.4	33.2	49.9
19-11	S. D	13.559	11.310	10.878	9.235					7.318		10.580	10.611	17.710
	TOTAL OBS	914	846	930	900	927	900	930	930	900	930	891	912	10910
-	MEAN	28.3	33.3	42.0	52.6	60.9	67.8	71.1	69.7	64.4	53.4	43.8	36.1	52.1
12-14	S D	12.818	11.027	10.672	8.838	7.755	5.743	5.097	5.249	7.059	8.390	10.571	10.377	16.960
	TOTAL OBS	915									930	the second second		10906
	MEAN	28.8	33.9	42.3	53.0	61.1	67.9	70.9	69.8	64.4	53.2	43.6	36.0	52.2
15-17	S D.	12.396	10.852	10.444	8.442	7.520	5.464	4.942	5.127	6.954	8. 362	10.531	10.297	16.745
	TOTAL OBS	913	846	930	900	927	930	926	930	900	930	490	910	10902
	MEAN	26.9	31.6	40.0	51.0	59.3	66.5	69.8	68.1	62.3	50.3	41.2	34.2	50.4
18-20	S. D.	12.501	10.992	10.223	8.495	7.660	5.531	4.980	5.353	7.267	8.665	10.626	10.183	16.939
	TOTAL OBS	902	846	930	900	927	900	927	930	900	930	893	796	10781
	MEAN	25.4	29.6	37.9	48.7	56.6	64.1	67.7	66.0	60.2	48.3	39.9	32.9	48.4
21-23	S D	12.960	11.050	10.225	8.821	7.620	5.861	5.150	5.610	7.484	8.923	10.644	10.459	16.828
	TOTAL OBS	897	846	930	899	894	899	926	930	900	930	888	786	10725
	MEAN	25.6	30.2	38.6	49.2	57.6	64.8	68.4	66.8	61.2	49.3	40.7	33.4	49.1
HOURS	\$. D.	13.321	11.559	10.956	9.505	8.412	6.380	5.608	5.986	7.876	9.355	10.854	10.695	17.218
	TOTAL OSS	7212	6599	7254	7020	7222	7199	7409	7435	7200	7440	7117	6774	85881

USAFETAC FORM 0-89-5 (OLI)

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724240	FT	KNOX/50	NAMO	AF KY			65-7	0,75-7	9					
STATION			STATI	ON NAME						YEARS				
HRS (LST)	1	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	18.6	22.8	30.2	40.7	51.2	59.3	63.8	62.1	56.5	42.9	33.9	26.7	43.0
10-02	S D	14.9931	3.1481	2.101	11.377	9.468	6.991	5.917	6.644	8 . 5051	0.838	12.340	11.996	18.703
	TOTAL OBS	885	763.	837	810	831	900	924	929	900	930	888	794	10391
	MEAN	17.9	22.2	29.8	39.9	50.0	58.5	63.0	61.2	55.6	42.2	33.6	26.3	42.
3-05	S D	15.2091	3.0701	2.209	11.441	9.725	7.076							18.590
	TOTAL OBS		762		811				927					1041
	MEAN	17.8	21.2	29.8	40.2	51.1	59.7	64.1	62.1	56.1	42.6	33.5	25.7	42.3
06-03	S D	15.6261												19.096
	TOTAL OBS	901	844	930	900	927					930	890	_	10853
	MEAN	19.2	22.8	31.6	41.6	52.3	60.9	65.1	63.6	57.6	44.4	35.0	27.2	43.6
29-11	S D.	15.5741	3.1721	2 . 543	11.745							12.516	12.390	19.183
	TOTAL OBS		846	930	900					900		891		10910
	MEAN	20.5	24.0	31.9	41.9	52.4	60.9	64.7	63.2	57.4	44.0	35.0	28 • 1	43.8
12-14	S D.	15.3561	3.5861	2.731	11.731	10.520	7.903	6.838	7.463	9.0341	1.313	13.054	12.645	18.904
	TOTAL OBS	915	846	930	900	927	900	927	930	900	930	889	912	10906
	MEAN	20.5	23.7	31.2	41.8	52.3	60.8	64.4	63.1	57.2	43.6	34.7	27.8	43.6
15-17	S D.	15.0311	3 - 6841	2.734	11.638	10.396	7.684	6.878	7.443			13.073	12.824	18.923
	TOTAL OBS	913	846	930	900	927	900	926	930	900	930	890	910	10902
	MEAN	19.8	22.8	30.5	41.6	52.4	61.1	65.0	63.5	57.7	43.6	34.3	27.6	43.7
18-20	S. D.	14.8651	3.4591	12.292	11.367	10.054	7.288	6.342	6.850	8.425	1.138	12.830	12.235	19.063
	TOTAL OBS	902	846	930	900	927	900	927	930	900	930	893	796	10781
	MEAN	19.2	22.2	30.3	41.4	52.0	60.5	64.6	62.8	57.0	43.3	33.9	27.0	43.2
21-23	S D	14.8751	2.946	11.991	11.071	9.493	7.141	6.049	6.810	8.3601	C. 779	12.650	12.188	18.915
	TOTAL OBS	897	846	930	899	894	899	926	930	900	930	888	786	10725
A11	MEAN	19.2	22.7		41.1			64.3						43.2
HOURS	S. D.	15.218	3.297	2.368	11.483	10.070	7.420	6.348	7.005	8 . 6661	0.929	12.652	12.359	18.934
	TOTAL OBS	7212	6599	7254	7020	7222	7199	7409	7435	7200	7440	7117	6774	85881

USAFETAC FORM 0-89-5 (OLI)

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RELATIVE HUMIDITY

724240 FT KNOX/GOOMAN AAF KY
STATION STATION NAME

65-70,76-79

PERIOD

JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	30-02	100.0	100.0	100.0	98.9	95.8	85.0	61.6	30.3	4.4	73.1	885
	03-05	100.0	100.0	100.0	99.4	97.3	88.0	68.2	35.4	6.6	75.1	885
	06-08	100.0	100.0	100.0	99.9	97.6	90.7	72.8	40.7	6.3	-76.4	901
	09-11	100.0	100.0	99.9	98.4	91.9	80.4	55.8	27.6	5.8	71.6	914
	12-14	100.0	100.0	99.1	92.5	78.1	57.3	35.0	18.0	5.5	64.3	915
	15-17	100.0	100.0	99.1	90.6	72.7	52.1	32.5	17.4	5.0	62.6	913
	18-20	100.0	100.0	100.0	97.1	86.0	64.7	40.1	20.6	3.8	66.8	903
	21-23	100.0	100.0	99.7	99.2	93.5	78.0	50.2	24.6	5.2	70.6	89
												- 1
TO	TALS	100.0	100.0	99.7	97.0	89.1	74.5	52.0	26.8	5.3	70.1	721

RELATIVE HUMIDITY

724240 STATION

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GI	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
FEB	00-02	100.0	100.0	100.0	98.7	93.2	74.2	46.9	26.3	6.4	69.9	76
	03-05	100.0	100.0	100.0	99.7	95.9	82.7	56.4	31.1	7.6	72.5	762
	06-08	100.0	100.0	100.0	99.9	97.4	87.2	59.7	31.2	7.0	73.8	844
	09-11	100.0	99.9	99.3	96.0	85.5	64.8	39.8	21.9	6.0	66.8	846
	12-14	100.0	99.4	94.7	83.7	64.4	40.5	25.8	13.6	4.1	58.2	846
	15-17	100.0	99.5	93.1	76.4	54.3	35.1	23.2	13.0	3.8	55.4	846
	18-20	100.0	100.0	97.6	88.8	67.0	43.3	27.5	16.7	4.0	60.2	846
	21-23	100.0	100.0	99.8	96.1	82.6	58.9	34.2	19.5	4.8	65.1	846
10	TALS	100.0	99.9	98.1	92.4	80.0	60.8	39.2	21.7	5.5	65.2	659

RELATIVE HUMIDITY

724240 STATION

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FT KNOX/GOOMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
MAR	00-02	100.0	100.0	99.8	96.7	84.5	63.6	43.1	28.6	7.9	68.0	83
	03-05	100.0	100.0	100.0	98.9	89.7	74.3	54.5	31.8	8.2	71.4	83
	06-08	100.0	100.0	100.0	98.8	91.8	76.8	56.8	33.5	9.6	72.3	930
	09-11	100.0	99.7	97.1	88.9	70.2	49.7	35.7	20.4	5.2	62.5	930
	12-14	100.0	98.4	88.6	69.6	50.2	36.3	24.1	12.8	2.0	53.9	930
	15-17	100.0	97.8	82.0	60.6	43.5	30.9	20.6	11.9	2.2	50.6	930
	18-20	100.0	99.7	93.8	75.1	53.8	37.3	25.3	15.3	4.0	56.0	930
	21-23	100.0	100.0	99.0	90.6	69.9	49.6	35.1	22.5	6 • 1	62.8	930
10	TALS	100.0	99.5	94.9	84.9	69.2	52.3	36.9	22.1	5.7	62.2	725

RELATIVE HUMIDITY

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724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

65-70,75-78

APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OSS.
APR	00-02	100.0	100.0	99.9	98.1	82.5	61.2	41.1	19.1	4.9	66.5	810
	03-05	100.0	100.0	99.9	98.9	91.7	72.3	49.8	25.9	7.2	70.5	811
	06-08	100.0	100.0	99.8	97.3	88.2	67.6	43.3	22.7	6.6	68.3	900
	09-11	100.0	99.9	96.0	78.6	55.1	36.8	22.6	11.1	2.7	56.0	900
	12-14	100.0	99.4	84.3	55.1	35.8	25.4	15.6	7,8	1.8	48.1	900
	15-17	100.0	98.3	77.3	49.9	34.2	22.9	13.1	6.9	1.7	46.2	900
	18-20	100.0	99.8	91.2	68.6	46.3	33.6	20.7	10.7	1.6	52.8	900
	21-23	100.0	100.0	99.8	89.9	66.4	47.6	30.4	15.1	2.9	61.0	899
to	TALS	100.0	99.7	93.5	79.6	62.5	45.9	29.6	14.9	3.7	58.7	7020

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

724240 STATION

FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

YAM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90°=	HUMIDITY	NO OF OBS.
MAY	00-02	100.0	100.0	99.9	99.2	94.9	86.8	67.3	40.7	11.4	75.9	83
	03-05	100.0	100.0	100.0	99.5	96.2	90.3	79.5	46.8	12.8	78.5	86
	06-08	100.0	100.0	100.0	99.1	93.9	82.8	64.5	31.8	7.3	73.7	92
	69-11	100.0	100.0	98.0	86.5	67.2	45.2	25.4	10.8	2.7	59.3	92
	12-14	100.0	100.0	92.8	71.5	44.2	27.7	15.1	7.1	1.5	51.7	92
	15-17	100.0	99.8	92.6	68.0	41.9	26.0	14.7	6.1	1.3	50.6	92
	18-23	100.0	100.0	97.7	85.5	63.4	42.0	25.7	13.2	1.3	58.9	92
	21-23	100.0	100.0	99.9	98.4	91.6	72.6	47.0	26.0	5.4	69.9	89
10	TALS	100.0	100.0	97.6	88.5	74.2	59.2	42.4	22.8	5.4	64.8	722

USAFETAC 0-87-5 (OL A)

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RELATIVE HUMIDITY

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90 °o	HUMIDITY	NO OF OBS
JUN	00-02	130.0	100.0	100.0	100.0	99.9	96.3	77.0	44.6	8.9	78.2	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.0	87.6	53.6	11.9	81.4	900
	06-08	100.0	100.0	100.0	99.7	97.4	89.0	68.3	39.7	7.4	75.8	900
	09-11	100.0	100.0	99.3	93.2	75.7	50.7	27.9	15.1	1.9	61.8	900
	12-14	100.0	100.0	96.3	83.0	54.1	29.9	15.8	6.3	.7	54.3	900
	15-17	100.0	100.0	96.9	79.0	51.2	28.2	14.4	6.6	1.2	53.4	900
	18-20	100.0	100.0	99.9	94.6	77.3	50.3	27.7	12.3	2.9	62.2	900
	21-23	100.0	100.0	100.0	100.0	98.1	85.5	58.4	26.3	6.1	73.2	899
то	TALS	100.0	100.0	99.1	93.7	81.7	66.0	47.1	26.4	5.1	67.5	719

RELATIVE HUMIDITY

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HINOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
JUL	00-02	100.0	100.0	100.0	100.0	100.0	97.7	86.7	51.9	11.7	80.5	924
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	93.9	65.1	16.2	83.3	919
	06-08	100.0	100.0	100.0	100.0	99.6	95.8	78.9	45.3	8.1	73.4	930
	09-11	100.0	100.0	100.0	97.6	84.5	55.7	25.5	8.2	1.1	62.9	930
	12-14	100.0	100.0	99.2	89.0	57.2	25.7	9.9	3.2	.6	54.2	927
	15-17	100.0	100.0	98.8	85.1	53.2	27.0	12.7	5.6	1.0	53.9	926
	18-20	100.0	100.0	99.9	97.3	82.7	59.2	32.8	12.4	1.8	64.0	927
	21-23	100.0	100.0	100.0	100.0	98.9	91.7	66.7	35.7	4.5	75.3	926
10	TALS	100.0	100.0	99.7	96.1	84.5	69.0	50.9	28.4	5.6	69.1	7409

RELATIVE HUMIDITY

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY GI	REATER THAN			MEAN	TOTAL
нтиом	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
AUG	00-02	100.0	100.0	100.0	100.0	98.6	95.7	83.3	53.3	8.0	79.6	929
	83-05	100.0	100.0	100.0	100.0	98.8	97.0	89.9	65.9	13.5	82.4	927
	06-08	100.0	100.0	100.0	99.9	97.7	93.6	80.7	53.7	11.1	79.6	929
	09-11	100.0	100.0	100.0	96.6	84.2	57.5	32.8	14.2	2.6	64.4	930
	12-14	100.0	100.0	98.8	86.2	58.3	29.6	15.1	6.6	1.2	55.1	930
	15-17	100.0	100.0	98.6	83.8	54.9	27.1	13.3	6.3	1.0	54.1	930
	18-20	100.0	100.0	100.0	98.3	86.3	63.0	36.1	13.4	1.5	65.4	930
	21-23	100.0	100.0	100.0	100.0	97.6	89.4	68.1	35.4	3.5	74.9	930
10	TALS	100.0	100.0	99.7	95.6	84.6	69.1	52.4	31.1	5.3	69.4	7435

RELATIVE HUMIDITY

724240 STATION

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
EP	00-02	100.0	100.0	100.0	100.0	100.0	98.3	85.7	53.7	12.7	80.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	92.6	62.2	17.6	83.0	900
	06-08	100.0	100.0	100.0	100.0	99.9	98.0	87.0	57.0	14.9	81.5	900
	09-11	100.0	100.0	100.0	96.8	84.4	61.1	36.8	16.4	3.3	65.5	900
	12-14	100.0	100.0	98.8	85.2	57.8	31.9	16.4	8.4	2.0	55.5	900
	15-17	100.0	100.0	98.3	82.9	53.3	30.3	17.6	7.7	1.3	54.8	900
	18-20	100.0	100.0	100.0	99.2	91.1	71.4	41.4	17.6	2.8	68.0	900
	21-23	100.0	100.0	100.0	100.0	99.9	93.6	72.1	35.1	6.0	76.4	900
10	TALS	100.0	100.0	99.6	95.5	85.8	72.9	56.2	32.3	7.6	70.7	7200

RELATIVE HUMIDITY

724243 STATION

2

FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	HUMIDITY GE	EATER THAN			RELATIVE	TOTAL
MUNIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
OCT	00-02	100.0	100.0	100.0	99.6	96.7	86.1	66.1	38.3	8.9	75.4	930
	03-05	100.0	100.0	100.0	100.3	98.7	93.5	77.5	45.5	12.6	78.7	930
	06-08	100.0	100.0	100.0	99.9	98.9	93.5	77.0	44.4	14.5	78.5	930
	09-11	100.0	100.0	98.9	92.4	74.7	53.7	33.7	18.0	6.0	63.2	930
	12-14	100.0	99.7	91.2	68.4	44.9	25.9	15.9	9.0	3.2	51.6	930
	15-17	100.0	99.9	91.6	65.4	42.6	27.7	16.5	9.0	2.9	51.1	930
	18-20	100.0	100.0	99.8	92.8	74.5	51.0	30.4	14.8	4.9	62.5	930
	21-23	100.0	100.0	100.0	98.8	91.6	74.2	49.5	25.3	6.8	70.5	930
10	TALS	100.0	100.0	97.7	89.7	77.8	63.2	45.8	25.5	7.5	66.4	7440

RELATIVE HUMIDITY

NOV

724243 STATION FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
NOV	00-02	100.0	100.0	100.0	98.1	93.1	78.7	56.2	29.4	5.4	71.6	888
	03-05	100.0	100.0	100.0	98.4	94.1	83.6	64.0	38.6	6.8	73.9	888
	06-08	100.0	100.0	100.0	98.7	94.8	85.7	67.8	39.6	8.7	75.0	890
	09-11	100.0	100.0	99.9	95.1	82.0	62.7	40.3	20.5	4.2	66.1	891
	12-14	100.0	99.8	95.8	77.2	57.0	39.7	23.7	14.3	3.4	56.8	889
	15-17	100.0	99.8	95.2	77.2	58.3	41.0	24.6	12.5	2.8	56.9	890
	18-20	100.0	99.9	98.8	93.4	78 - 1	56.0	36.3	18.4	4.4	64.2	89
	21-23	100.0	100.0	99.5	97.1	88.9	68.6	47.4	23.0	4.5	68.5	888
								}				
10	TALS	100.0	99.9	98.7	91.9	80.8	64.5	45.0	24.5	5.0	66.6	7117

RELATIVE HUMIDITY

724240 FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
DEC	00-02	100.0	100.0	100.0	98.6	94.6	79.7	54.5	29.7	5.9	72.0	794
	03-05	100.0	100.0	99.9	99.1	96.1	85.1	63.3	32.7	6.1	73.9	792
	06-08	100.0	100.0	100.0	99.4	97.2	88.0	66.5	37.2	5.7	75.2	872
	09-11	100.0	100.0	99.9	98.5	91.1	72.6	48.1	26.8	4.6	69.8	912
	12-14	100.0	100.0	99.1	90.8	69.5	47.9	30.8	17.3	4.4	61.7	912
	15-17	100.0	100.0	99.0	88.1	67.1	44.5	28.1	17.6	5.1	60.6	910
	18-20	100.0	100.0	99.6	97.7	88.1	63.9	36.3	21.7	5.7	66.7	796
	21-23	100.0	100.0	99.1	98.2	93.8	76.1	46.7	26.6	4.6	70.1	786
101	TALS	100.0	100.0	99.6	96.3	87.2	69.7	46.8	26.2	5.3	68.8	6774

USAFETAC 0-87-5 (OL A)

WEATHER CONDITIONS

72:240	FT KNOX/GODMAN AAF KY	65-70,76-79	JAN
STATION	STATION NAME	YEARS	HTHOM

- PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	38-02	. 4	8.5	1.8	12.6		21.3	15.6	6.3	• 8		20.8	591
	03-05	• 2	8.4	1.2	13.6		22.6	16.5	5.9	1.0		21.8	891
	06-08	• 2	9.0	1.9	14.2		24.9	19.1	13.1	1.5	• 1	30.7	907
	59-11	• 2	8.3	1.7	16.2		25.5	17.9	13.2	2•2	• 2	31.0	915
	12-14		8.3	1.0	12.2		21.1	13.4	9.7	1.6		23.0	915
	15-17	• 2	8.2	. 7	11.5		19.9	13.7	8.2	1.5		21.9	715
	19-20	• 1	7.7	• 3	10.6		18.3	13.8	7.2	1.4		19.8	905
	21-23	• 2	8.3	• 7	11.4		20.0	14.4	6.0	1.4		19.4	900
			•	.,									
TOTALS		• 2	8.4	1.1	12.8	1	21.7	15.6	8.7	1.4	.0	23.6	7239

USAFETAC POEM 0-10-5(QL A), PREVIOUS FORTIONS OF THIS POEM ARE OBSOLETE

WEATHER CONDITIONS

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

VEADC

FE9 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	60-02	1.0	10.9	. 8	7.9		18.3	10.7	3.4			13.4	763
	03-05	.7	8.8	. 8	9.6		18.6	15.6	5 • 2	. 4		19.9	762
	06-08	• 1	8.8	1.7	9.7		19.4	21.6	12.6	• 5		29.9	844
	09-11	• 1	7.3	.4	8.6		15.8	16.4	14.5	• 5		26.8	846
	12-14	. 4	6.9	.2	6.3		13.2	9.0	12.5	. 4		19.1	946
	15-17	• 6	8.0	.4	5.4		13.4	8.3	7.6			14.8	846
	18-20	.6	8.3	. 4	6.0		14.5	9.7	5.6			14.7	846
	21-23	• 2	8.4	• 2	6.6		14.5	9.7	4.6			13.1	946
TOTALS		• 5	8.3	•6	7.5		16.3	12.5	8.3	. 2		19.0	6599

USAFETAC ALT AL 0-10-5(OL A), PREVIOUS POTTONS OF THIS FORM ARE OBSOLETE

SUCBAL CLIMATOLOGY SRANCH USAFETAC ALP MEATHER SERVICE/MAC

WEATHER CONDITIONS

724240 STATION

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FT KNOX/GODMAN AAF KY

65-70,75-78

STATION NAME

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAÍN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	09-02	2.5	11.9	• 2	5.3		17.3	14.9	4.2			17.3	837
	03-05	1.2	12.7	- 4	3.7		16.6	15.7	5.0			18.9	337
	06-08	• 5	11.8	.6	5.2		16.9	20.0	12.5	. 1		27.5	930
	09-11	. 4	9.7	• 2	5.6		15.4	14.1	8.7			20.0	930
	12-14	• 2	6.9	• 2	6.1		13.1	9.7	7.5			15.4	930
	15-17	• 3	8.2		4.7		12.5	8.9	5.9			13.2	930
	18-20	• 3	10.6	. 2	4 • 1	• 1	14.5	10.1	6.0			14.6	930
	21-23	1.4	12.3	• 1	4.8		16.3	12.6	4.4			15.4	930
TOTALS		. 9	10.5	• 2	4.9	• 0	15.3	13.3	6.8	• 0		17.8	7254

USAPETAC POMA 0-10-S(QL A), PREVIOUS EDITIONS OF THIS PORM ARE DESCRIPE

WEATHER CONDITIONS

73 1240 STATION

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FT KNOX/SOMAN AAF KY

65-70,75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APP	00-32	1.9	9.3			• 1	9.3	7.2	2.0			8.8	810
	03-05	2.8	10.2		• 2		10.5	9.6	4.2			12.7	311
	36-38	2 • 2	12.0		.6		12.4	12.6	9.6			19.4	900
	09-11	1.6	11.0		. 2		11.1	5.6	5.1			10.1	900
	12-14	. 7	7.7		. 1		7.8	3.4	4.1			7.4	030
	15-17	2.1	8.8				8.8	3.0	3.3			5.9	900
	18-20	1.8	9.1				9.1	3.8	3.4			6.3	900
	21-23	1.6	13.6			-	10.6	5.6	2.3			7.3	399
TOTALS		1.8	9.8		• 1	• 0	10.0	6.4	4.3			9.7	7020

USAFETAC JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE DISOLETE

WEATHER CONDITIONS

724240

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FT KNOX/SODMAN AAF KY

65-70,75-78

MAY

STATION

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	30-02	1.1	7.8				7.8	10.1	7.6			16.5	834
	03-05	.8	7.6				7.6	16.1	10.3			23.7	865
	06-08	1.5	7.7				7.7	17.6	16.6			29.5	928
	39-11	.9	9.0				9.6	6.8	13.6			19.4	927
	12-14	1.1	6.9				6.9	3.1	7.6			10.2	927
	15-17	1.8	7.9				7.9	3.5	6.5			9.7	927
	18-20	3.5	7.3			. 1	7.3	4.5	8.3			12.4	927
	21-23	3.9	9.6				9.6	7.6	7.0			13.3	897
TOTALS		1.8	8.0			. 0	8.0	8.5	9.7			16.8	7232

USAFETAC PUT 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

WEATHER CONDITIONS

724240 ×

FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HTMOM	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.7	4.8				4.8	13.4	17.8			27.9	900
	03-05	1.3	5.1				5.1	24.7	22.8			38.7	900
	06-D8	1.3	7.7				7.7	23.4	27.7			42.7	900
	09-11	1.6	5.7				5.7	5.1	20.3			23.4	990
	12-14	2.3	5.8				5.8	1.6	14.8			16.1	900
	15-17	4.4	6.0				6.0	1.1	12.6			13.6	900
	18-20	4.6	7.2				7.2	3.1	14.7			17.2	900
	21-23	3.0	5.3				5.3	7.4	15.1			20.6	900
									•				
TOTALS		2.7	6.0				6.0	10.0	18.2			25.0	7200

USAPETAC FORM 0-10-5(OL A), PREVIOUS SOTIONS OF THIS PORM ARE OBSOLETE

WEATHER CONDITIONS

724240 STATION FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-78

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	90-02	3.7	4.5				4.5	14.0	18.3			28.0	930
	03-05	3.0	5.2				5 • 2	27.2	25.4			40.6	930
	05-08	2.7	5.5				5.5	25.4	33.4			45.9	930
	09-11	2.4	3.9				3.9	4.6	22.8			26.3	930
	12-14	3 • 2	4.0				4.0	1.3	16.7			18.0	930
	15-17	5.3	5.2				5.2	• 5	16.0			16.5	930
	18-20	4.7	4.8				4.8	1.9	19.7			20.9	930
	21-23	2 • 8	4.1				4.1	3.5	17.2			20.5	930
TOTALS		3.5	4.7				4.7	9.8	21.2			27.1	7440

USAFETAC TORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

WEATHER CONDITIONS

72 240 STATION

FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

AUS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	8 0- 02	2.8	3.1				3.1	16.5	17.5			28.2	929
	03-05	2.3	4.6				4.6	30.9	21.9			42.7	656
	06-08	1.6	5.1			• 1	5.1	35.7	31.5			52.5	930
	09-11	1.4	5.1				5.1	8.7	24.6			31.1	930
	12-14	2.0	4.7				4.7	3.7	18.9			21.3	930
	15-17	3.0	4.4				4.4	1.9	18.9			20.4	930
	18-20	5.4	5.2				5.2	4.3	19.1			22.0	930
	21-23	2 • 3	2.7				2.7	3.7	18.1			23.8	930
TOTALS		2.6	4.4			• 0	4.4	13.8	21.3			30.3	7438

USAPETAC ART 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FOLM ARE OSSOLETE

WEATHER CONDITIONS

724240 STATION

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FT KNOX/GODMAN AAF KY STATION NAME

65-70,75-78

SEP HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	30-02	• 7	5.9				5.9	20.6	16.9			30.3	900
	03-05	1.2	8.0				8.0	33.3	16.4			39.9	900
	06-08	• 7	7.3				7.3	40.2	26.7			50.6	900
	09-11	. 4	8.1				8 • 1	13.7	20.5			30.2	980
	10-10	1.2	6.7				6.7	6.0	16.3			21.1	900
	15-17	1.8	7.3				7.3	5.0	15.7			19.6	000
	18-20	. 8	5.8				5.8	7.0	16.6			22.0	950
	21-23	. 9	5.3				5.3	11.0	16.7			24.0	900
TOTALS		1.0	6.8				6.8	17.1	18.5			29.7	7200

USAFEFAC $\frac{\text{PORM}}{\text{RRY 64}}$ 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CLCPAL CEIMATOLOGY BRANCH UTAFETAC ALL WEATHER SERVICE/MAC

WEATHER CONDITIONS

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FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

YEARS

0 C T

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
0.1	60-63	• 2	8.8				8.8	14.9	2.5			16.0	930
	03-05		10.4				10.4	20.5	5.1			22.5	930
	06-08	• 2	10.0				10.0	25.2	12.3			32.5	930
	09-11	. 4	8.6				8.6	13.5	7.5			19.2	930
	12-14	• 1	6.1				6.1	6.9	4.7			11.1	930
	15-17	• 2	7.3				7.3	6.7	3.8			9.6	930
	18-23	1.0	3.1				8.1	8.1	4.2			10.4	030
	21-23	• 1	8.5				8.5	9 • 1	3.8			11.4	930
TOTALS		• 3	6.5				8.5	13.1	5.5			16.6	7640

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH CHETAC AT REATHER SERVICE/MAC

WEATHER CONDITIONS

121240 STATION

FT KNOX/GODMAN AAF KY STATION NAME

65-70,75-78

VON MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	• 5	9.1		3.5		12.5	11.0	5.0			14.5	888
	03-05	• 5	9.3		3.3	•	12.6	15.0	5.9			18.5	888
	06-08	• 3	10.9	• 3	3.5		14.6	21.3	12.8			27.4	890
	69-11		9.4		2.7		12.1	15.6	12.9			24.0	891
	12-14		16.3		2.1		12.1	8 • 2	8.5	. 1		15.9	889
	15-17		15.4		2.6		12.6	9.0	6.6			14.6	890
	18-20	• 1	9.5		2.9		12.1	10.2	6.5			15.2	893
	21-23	• 6	10.1		2.0		11.8	10.2	6.3	• 1		15.5	885
TOTALS		• 3	0.9	.0	2.8		12.6	12.6	8.1	.0		18.2	7117

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

72 240 STATION

FT KNOX/GODMAN AAF KY
STATION NAME

65-70,75-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	. 4	12.2	. 9	4.6		17.1	12.3	3.4			13.7	797
	03-05	• 5	12.1	• 5	5 • 3		17.6	15.0	4.4			17.5	795
	06-08	• 3	13.5	.6	6.6		20.4	18.9	18.2	• 1		25.6	974
	09-11	• 1	12.3	. 4	7.2		19.8	15.5	9.0	• 3		23.0	912
	12-14		11.1		5.0		16.1	11.3	5.7	. 4		16.6	912
	15-17	• 2	12.0	• 1	5.4	• 1	17.1	11.2	5.8	• 1		15.4	911
	18-20	• 4	12.4		4.5		16.8	11.0	6.4			15.6	799
	21-23		12.4	• 4	4.4		16.3	11.0	4.3			13.8	789
TOTALS		• 2	12.3	. 4	5.4	• 0	17.7	13.3	6.2	•1		17.7	6769

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

124240 STATION

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FT KNOX/GODMAN AAF KY

STATION NAME

65-70,75-79

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	•2	3.4	1.1	12.8		21.7	15.6	8.7	1.4	.0	23.5	7239
FEB		•5	8.3	• 6	7.5		16.0	12.5	8.3	• 2		19.0	6599
MAP		• 9	10.5	• 2	4.9	. 0	15.3	13.3	6.5	• 0		17.8	7254
100		1.8	9.8		. 1	• 8	10.0	6.4	4.3			9.7	7020
MAY		1.8	8.0			.0	8.0	8.5	9.7			16.8	7232
JUN		2.7	6.0				6.3	10.0	18.2			25.0	7200
JUL		3.5	4.7				4.7	9.8	21.2			27.1	7448
AUG		2.6	4.4			• 0	4.4	13.8	21.3			30.3	7438
SEP		1.0	6.8				6.8	17.1	16.5			29.7	7200
oct		. 3	8.5				8.5	13.1	5.5			16.6	7440
чоч		• 3	9.9	• a	2.8		12.6	12.6	8.1	• 0		18.2	7117
DEC		• 2	12.3	. 4	5.4	• 0	17.7	13.3	6.2	• 1		17.7	6789
TOTALS		1.3	9.1	. 2	2.8	• 0	11.0	12.2	11.4	. 1	.0	21.0	85968

USAPETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

72-24/ STATION

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ET KNOX/GODMAN AAF KY
STATION NAME

46-81

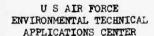
YEARS

ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.9	37.1	5.0	32.2		54.7	44.6	50.8	3.1		56.9	1095
FEE		5 • 3	39.2	2.8	25.2	. 4	52.5	42.2	52.1	2.2		64.1	1007
MAR		9.5	45.7	1.7	17.5	. 7	54.1	36.3	44.8	1.4		57.1	1090
APR		15.1	51.3		3.7	• 9	49.3	29.6	30.2		.1	43.7	1072
PAY		20.0	45.0			. 8	42.0	36.6	30.3			97.7	1127
JUN		25.9	42.3			• 3	38.9	40.9	41.0			. 54.4	1098
JUL		29.6	42.8			• 3	39.2	SC.1	52.5			65.2	1122
406		21.9	36.4			• 2	33.3	54.3	59.9			69.5	1119
SEP		12.0	34.8			• 2	31.9	48.6	53.7			69.0	1693
0.01		4.5	33.3		. 6	• 3	30.7	40.8	47.4			59.4	1116
NOV		4.5	39.2	• 5	12.5	• 1	42.8	37.5	42.6	.5		56.5	1084
DEC		2.3	39.7	2.6	20.8	• 3	49.7	38.1	44.6	1.1		59.0	1109
TOTALS		12.9	43.7	1.1	9.4	. 4	43.3	41.6	45.8	. 7	. 0	59.0	13122

USAFETAC PORA 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and acqual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of FRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.



- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945 at 0800LST Jan 46-May 57 at 1230GMT Jun 57-present at 1200GMT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

STATION

0

724240 FT KNOX/GODMAN AAF KY

STATION NAME

46-81

YEARS

						AM	OUNTS (IN	(CHES						PERCENT		MONT	THLY AMOI	UNTS
PRECIP	NONE	TRACE	.01	02- 05	.06-10	1125	26-50	.\$1.1.00	1 01 - 2 50	2 51 - 5 00	5.01-10.00	10.01-20.00	OVER 20 00	OF BAVE	NO.		[INCHES]	
NOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2 5 3 4	3 5 4 4	4.5.6.4	6 5-10 4	10.5-15.4	15 5.25 4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS			ORCHICS!	e e ma
MAL	41.1	20.8	4.0	8.3	4.5	5.9	6.7	5 - 3	3.2	• 2				38.1	1095	3.90	14.67	. 6
FEB	43.0	19.3	3.0	7.2	5.4	7.1	5 • 8	5.0	3.3	• 2				36.8	1007	3.71	8.80	. 7
MAR	42.0	17.1	3.2	6.6	4.0	9.0	7.1	6.8	3.2	• 3				40.1	1106	4.67	12.63	1.1
APR	47.0	15.1	2.6	7.3	5.3	6.3	6.7	6.2	3.2	. 4				37.9	1085	4.22	10.85	. 8
MAY	52.9	12.4	2.9	5.3	4.2	5.6	6.7	7.4	2.5	• 1				34.6	1141	3.84	6.51	. 7
JUN	56.3	10.5	2.2	4.6	3.6	6.3	6.9	6.4	3.0	• 3				33.2	1110	4.16	10.47	. 9
JUL	57.4	10.1	2.1	6.3	3.7	4.5	5.8	5 • 1	4.6	• 4				32.5	1146	4.65	9.56	. 7
AUG	63.9	10.3	1.4	4.3	2.5	5.3	4.7	4.0	3.2	. 3				25.9	1141	3.65	9.52	. 8
SEP	65.4	10.7	1.5	3 . 6	2.4	4 . 8	4.4	4.7	2.0	• 5				24.0	1097	3.31	12.41	• 0
ост	66.7	9.6	2.2	4.3	2.6	5.2	3.6	3.3	2.2	• 3				23.7	1136	2.78	7.22	• 1
NOV	52.6	14.3	3 • 1	6.8	3.0	7.2	4 . 3	5 • 7	2.7	• 3				33.1	1096	3.51	8.93	• 6
DEC	46.3	18.6	3.8	6.4	4.5	6.6	5.2	4.9	3 • 4	• 3				35.1	1121	3.72	10.82	. 7
ANNUAL	53.0	14.1	2.7	5.9	3.8	6.1	5.7	5.4	3.0	• 3				32.9	13281	46.12		

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- NO

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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY
STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	אטנ.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL
45			1.85	1.11	1.95	1.42	1.56	. 74	.92	2.04	1.19	.24	
46	1.03	2.16	*	. 48	1.18	1.09	1.49	1.61+	1.02	1.21	2.12	1.25	
47	1 • 43	.25	.80	1.40	1.13	1.68	1.31	1.07	1.10	1.32	.49	.87	1.68
48	1.34	1.65	2.01	3.47	.67	.53	1.44	1.89	.97	1.15	2.92	.87	3.4
49	1 • 71	1.56	2.02	.88	. 79	1.79	2.02	2.32	. 58	2.02	.86	2.57	2.5
50	2.00	2.39	1.46	1.39	1.41	2.20	1.90	1.40	1.43	.55	1.25	1.28	2.39
51	2.71	1.37	.97	. 47	.82	•51	1.20	1.51	1.89	1.45	1.41	1.68	2.71
52	1.30	.89	2.24	. 49	.88	1.29	.48	1.20	.90	.46	.73	2.10	2.2
53	.73	. 92	3.01	1.23	1.19	2.34	1.65	• 37	.04	.38	1.22	1.01	3.01
54	1.32	1.01	.53	.78	•56	1.00	. 75	1.64	2.12	1.81	. 25	1.45	2.12
55	.42	1.81	1.30	1.50	2.29	1.38	1.52	.90	1.51	1.22	1.69	.63	2.29
56	1.39	1.29	1.77	1.25	.74	1.56	1.35	• 78	.77	1.24	.95	.85	1.77
57	1.70	.87	. 44	1.10	2.24	2.06	2.58	1.23	.62	1.82	3.20	1.58	3.20
58	.78	• 35	1.14	.86	.52	1.35	2.00	.75	3.95	1.58	.82	.43	3.95
59	1.65	. 59	.67	. 50	1.20	. 73	2.65	.85	1.24	1.01	. 84	1.22	2.65
60	1.27	1.26	.81	. 54	1.12	3.51	1.49	2.68	1.19	.93	1.75	.83	3.51
61	• 54	1.48	1.79	1.04	2.51	1.52	1.11	1.45	. 36	1.61	1.17	.98	2.51
62	.97	1.81	1.13	• 5 5	1.47	1.23	1.18	1.81	2.53	3.65	.89	1.05	3.6
63	.26	. 48	1.86	.93	.63	1.09	1.42	1.44	. 32	.10	.63	. 49	1.8
64	•61	.51	4.77	1.46	1.30	.96	1.76	1.05	2.00	.14	1.24	1.76	4.77
65	.93	1.03	1.36	.86	. 48	1.30	1.45	.71	3.58	1.57	.59	.38	3.58
66	1.84	1.76	• 33	2.60	.63	. 4 4	.91	1.03	.65	.74	1.38	1.50	2.60
67	.78	.67	1.77	1.00	1.77	1.95	2.33	3.16	.80	.96	1.77	1.15	3.16
68	• 31	.90	1.60	2.17	2.42	.95	1.31	1.52	1.06	.45	1.57	1.22	2.47
69	1.23	.35	.71	1.09*	1.00	.96	2.89	2.33	.23	.67	.93	1.23	2.89
70	. 45	1.39	1.10	4.18	1.56	3.72	1.53	1.40	3.61	1.32	.61	2.03	4.18
71	1.16	1.46	.68	. 80	1.05	1.81	1.84	1.69	1.44	.83	.47	.72	1.84
72	.78	1.83	.85	3.16	1.83	.77	1.08	.60	. 49	2.33+	1.53*	2.47	3.10
73	* .64	.61	1.29+	.82	.98	1.98	2.66	.49+	1.10+	1.23=	2.86	1.32	+ 2.86
74	# 2.55#	.88 *	2.30+	.74*	1.45	.51	1.00	1.68	.66	1.07	.76*	1.43	* 2.5
MEAN													
5. D.													
TOTAL OBS													

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC 0-88-5 (OL A)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

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7.24.24.7 FT KNOX/GODMAN AAF KY
STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH		JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	*	1.64	3.66	2.34	1.40	.58	1.06	.61	.52	.91	3.56	1.52	1.27	3.6
76	*	1.69	3.14	1.84	.43	.81	.98	1.84	.96	1.07	1.04	.44	.41	3.1
77	*	.55	.75	1.64	1.45	.37	1.51	1.34	2.39	.78	3.29	1.20	1.52	3.2
78	*	1.45	.26	.76	1.02	1.29	.87	1.93	2.85	.42	.76	1.78	4.52	* 4.5
79	*	1.29	.98	1.11	2.24	.93	2.12	3.56	1.35	4.41	.85	1.754	1.58	4.4
8.0	*	.94	.34	1.17	.77	1.84	.78	2.26	.84#	1.02*	.91	1.17	.81	2.2
81	*	•23#	.82	.65	1.11*	1.93	.61	1.44	1.57*	1.72*	1.20	• •55	1.23	* 1.9
	_				-					-				
-	-	-								-				
	-			-	-		-			-		-		
									1			-		
	_												-	
MEAN	7			1.422				1.650	1.425			1.215		2.8
5. D.		.575	.794	.846	.882	.597	.747	.661		1.112	.872	.675	.555	.81
TOTAL OBS		1095	NOTE	1106	1085	1141	THAN FU	1146		1097	1136	1096	1121	1328

FORM 0-88-5 (OL A) USAF ETAC

(FROM DAILY OBSERVATIONS)

02

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

45-81

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
45			8.66	4.44	4.73	8.10	3.90	2.00	1.42	2.60	3.30	1.11	
46	2.80	6.18		. 88	4.85	2.79	5.20	3.81*	2.54	2.12	3.54	4.40	
47	4.36	.80	2.70	6.12	4.77	5.60	6.11	2.86	2.68	2.20	2.06	2.55	42.81
48	2.12	5.20	3.93	6.07	1.66	2.58	4.64	2.37	2.58	2.04	7.23	3.10	43.52
49	8.66	4.64	6.33	2.98	2.00	5.66	5.94	4.98	1.37	4.20	2.10	6.73	55.59
5.0	14.67	6.51	4.13	4.15	5.68	5.90	8.09	4.24	4.17	.94	5.03	2.36	65.67
51	8.14	3.97	4.80	1.72	2.06	3.09	2.88	4.26	3.96	2.58	5.19	6.75	49.40
52	4.85	2.54	6.94	1.59	2.18	2.78	.72	2.43	1.98	1.02	2.48	6.03	35.54
53	3.52	1.60	6.26	4.40	4.62	2.66	2.76	1.06	.05	.87	1.60	2.72	32.12
54	4.06	2.13	1.69	2.87	2.56	2.23	1.47	5.43	3.09	3.67	1.02	5.55	35.77
55	2.16	8.80	5.14	5.08	6.51	4.45	4.84	1.87	3.12	2.48	3.07	1.68	49.20
56	3.21	7.94	4.23	4.20	3.69	3.58	4.24	2.40	1.61	2.14	2.30	2.30	41.84
57	4.10	3.17	1.81	4.27	5.67	6.40	4.22	1.26	2.40	2.53	8.93	4.16	48.92
58	2.96	1.22	2.84	4.19	2.41	5.05	8.72	3.56	4.82	2.74	2.44	1.15	42.10
59	5.48	2.02	2.59	1.97	5.84	.97	6.09	3.16	1.71	4.61	3.28	5.09	42.81
60	2.38	4.49	2.76	1.49	3.44	10.47	2.79	4.23	3.30	2.06	4.31	3.13	44.85
61	1.35	4.49	7.04	4.13	6.07	3.91	3.93	4.68	.98	1.89	4.48	3.36	46.31
62	3.65	6.37	3.92	1.26	3.78	4.06	2.64	2.54	8.01	5.90	2.43	2.14	46.70
63	.82	1.11	7.31	1.04	2.62	2.96	6.06	3.81	.50	.10	1.87	1.28	29.48
64	2.47	1.49	12.63	5.03	3.00	2.77	3.39	1.86	3.38	.18	3.22	7.74	47.16
65	3.36	4.04	4.53	3.07	.77	5.07	4.54	1.41	8.18	2.81	1.37	.77	39.92
66	5.58	4.64	1.14	7.79	2.15	1.05	2.03	3.42	2.71	1.77	4.89	6.10	43.27
67	1.57	2.47	4.59	4.18	5.18	3.75	5.98	7.83	2.20	2.51	3.54	4.46	48.26
68	1.30	1.20	6.34	3.77	5.50	2.85	3.85	3.90	3.65	.99	3.81	4.14	41.30
69	5.17	1.36	2.00	4.32*	3.96	4.30	8.30	4.23	.56	1.83	2.99	3.43	#42.45
70	1.11	2.76	3.24	9.94	3.86	7.35	4.43	3.65	5.90	5.30	1.81	5.04	54.39
71	2.15	5.52	2.38	1.84	4.19	5.67	5.40	4.87	3.78	1.61	1.74	3.09	42.24
72	3.27	6.68	4.29	10.85	4.05	2.20	2.92	1.63	2.31	5.56*	5.51*	5.94	*55.21
73	* 2.14	1.70	6.20	5.63	5.11	4.90	7.50*	.87*	2.04*	2.81*			*49.51
74	* 7.04	1.96*	5.26	3.52*	5.97	2.44	1.59	6.86	3.84	3.18	2.92*	3.98	*48.56
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

FORM 0-88-5 (OL A) USAF ETAC

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(FROM DAILY OBSERVATIONS)

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724240 FT KNOX/GODMAN AAF KY
STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
75	*	5.54	6.14	8.45	5.88	2.73	2.66	2.34	2.18	4.42	7.22	3.53	* 5.13	*56.2
76	*	4.47	6.58	4 - 53	1.20	3.90	4.66	3.22	1.78	3.72	3.86	.69	1.12	*39.7
77	*	2.48	1.97	5.36	4.78	1.29	6,59	5.77	9.52	3.47	6.32	6.42	4 4.05	*58.0
78	*	5.56	.70	3.86	3.49	5.03	2.53	5.16	7.55	.89	1.73	5 . 58	*10.82	*52.9
79		5.08	4.66	3.20	8.16	.4.12	6.77	9.56		12.41	2.85		+ 4.14	*72.0
80	*	2.29	1.08	5.64	2.90	4.70	2.86	6.14		2.76*				*37.2
31	zt.	•60*	2.89	2.14	4.24+	5.95	2.38*	5.22	3.18	* 3.54*	2.38	1.58	* 3.52	*37.6
	_													
MEAN					4.218									44.5
S. D.					2.355									7.70
TOTAL OBS			1007 NOTE		1085 SED ON		1110			1097	1136	1096	1121	1328

FORM 0-88-5 (OL A) USAF ETAC

global climatology branch
usafetac
air weather service/mac

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

724248 FT KNOX/GODMAN AAF KY 46-81

STATION STATION NAME YEARS

						AM	OUNTS (IN	ICHES)						PERCENT		MONT	HLY AMO	UNTS
PRECIP	NONE	TRACE	01	.0205	.06-10	,1125	.2650	.51.1 00	1 01 - 2 50	2 51-5 00	5 01-10 00	10 01 - 20 00	OVER 20 00		NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0.5-1.4	1.5-2-4	2534	3 5 4 4	4 5-6 4	6.5-10.4	10 5-15 4	15 5 25 4	25 5-50 4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37 - 48	49 60	61.120	OVER 120	AMTS			JALTHES!	
JAN	67.3	18.1	5.6	4.2	2.3	1.3	• 5	• 5	• 3				4	14.6	1092	4 . 7	24.5	TRAC
FEB	73.7	14.7	4.6	3.9	1.2	1.0	. 4	• 5	- 1					11.6	1007	4.2	13.0	TRAC
MAR	92.1	10.3	3.0	2.1	1.1	• 5	• 3	. 3	• 3					7.5	1074	3.1	19.1	TRAC
APR	96.3	2.9	.6	• 2										. 8	1055	.1	1.0	
MAY	100.0														1110	•0	• 0	
JUN	100.0														1080	•0	• 0	
JUL	100.0														1115	•0	• 0	
AUG	100.0														1110	. 0	•0	
SEP	100.0														1067	•0	• 5	
ОСТ	99.5	• 5													1165	TRACE	TRACE	•
ноч	87.6	9.3	1.3	• 9	• 5		. 1	. 2		• 1				3.1	1066	1.6	17.5	
DEC	78.3	15.2	2.7	2.5	.6	• 3	.4	• 1						6.5	1090	2.2	11.1	TRAC
ANNUAL	50.4	5.9	1.5	1.1	.5	• 3	- 1	• 1	. 1	• 0				3.7	12971	15.9	V	V

USAFETAC FORM 0.15.5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

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0

0

0

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724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	2.5		* .D	• 0	• 0	.0	•0*	.0	• 0	.0	1.5	
47	2.0	1.5	5.0	.0	• 0	• Q	• 0	• 0	.0	• 0	.0	TRACE	5.
48	3.9	6.1	TRACE	•0	• 0	. 0	.0	• 0	• 0	.0	TRACE	1.0	6.
49	2.9	TRACE	3.0	TRACE	.0	• 0	.0	.0	.0	.0	TRACE	3.2	3.
50	TRACE	TRACE	. 1	TRACE	• 0	• 0	• 0	• 0	.0	.0	. 4	2.0	2.
51	2.0	6.0	3.9	TRACE	.0	• 0	• 0	• 0	.0	.0	3.5	1.6	6.
52	• 4	1.4	• 2	TRACE	• 0	• 0	• 0	• 0	• 0	TRACE	2.0	2.2	2.
53	4.0	TRACE	1.0	.0	.0	• 0	.0	. 0	• 0	.0	TRACE	3.9	4.
54	2.8	TRACE	• 2	• 0	.0	• 0	• 0	.0	• 0	TRACE	1.3	2.5	2.
55	3.3	. 6	.5	.0	• 0	.0	.0	.0	.0	.0	TRACE	1.0	3.
56	6.8	TRACE	1.4	TRACE	.0	.0	.0	.0	.0	.0	1.3	TRACE	6.
57	1.0	TRACE	3.2	TRACE	.0	. 0	• 0	.0	.0	TRACE	1.4	1.0	3.
5.8	3.8	2.6	6.8	.0	• 0	• 0	.0	.0	.0	.0	4.6	. 1	6.
59	3.7	TRACE	• 5	.0	.0	. 0	. 0	.0	• 0	.0	. 9	. 2	3.
60	. 3	3.8	8.1	TRACE	• 0	. 0	• 0	• 0	• 0	.0	TRACE	4.8	8.
61	1.6	9.2	TRACE	. 8	.0	• 0	.0	.0	.0	.0	.6	1.6	9.
62	1.3	2.1	1.0	.2	.0	• 0	.0	. 0	.0	TRACE	TRACE	.6	2.
63	2.3	2.8	• 1	TRACE	.0	• 0	.0	. 0	.0	.0	TRACE	3.8	3.
64	6 . 1	1.5	2.0	.0	.0	• 0	.0	• 0	.0	.0	. 9	TRACE	6.
6.5	5.1	2.7	2.3	• 0	• 0	• 0	.0	. 0	.0	.0	• 0	TRACE	5.
66	4.9	4.9	3.0	TRACE	• 0	• 0	.0	.0	.0	.0	14.3	. 9	14.
67	. 6	4.2	5.0	.0	.0	• Q	• 0	.0	.0	.0	TRACE	1.0	5.
6.5	* 2.0	.10	9.0	.0	• 0	• 0	.0	. 0	.0	• 0	TRACE	TRACE	* 9.
5.9	3.0	3.0	. 8	.0*	• 0	• 0	.0	• 0	.0	.0	.3	3.0	3.
14	2.3	3.0	3.1	TRACE	.0	. 0	.0	.0	.0	.0	TRACE	. 3	3.
7.1	1.0	4.2	1.8	TRACE	.0	• 0	.0	.0	.0	.0	2.0	TRACE	4.
7.2	2.4	1.6	1.8	TRACE	• 0	• 0	.0	.0	• 0	• 0 •	1.7	. 8	2.
73	* .3	3.1	1.5	* .8	.0	.0	.0*	.0*	.0			1.0	3.
74	* 1.6	1.0		*TRACE*	• 0	• 0	• 0	.0	• 0	•0	TRACE	1.3	* 1.
75	* .7	. 5	4.2	TRACE	.0	.0	.0	.0	.0	.04	TRACE	TRACE	4.
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

FORM 0-88-5 (OL A)

USAF ETAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

2

0

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH		AN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	MON	
76	朮	1.0	. 3	. 6	• 0	• 0	.0	.0	• a		. a	2.0	* 4.1	*	4.
77	*	5.5		TRACE	• 3	• 0	. 0	• 0	• 0	. 0	. 0	5.3	* 1.6	THE .	5.
78	漱	8.9	1.6	2.5	TRACE	• 0	. 0	.0	. 0	.0	. 0	• 0	* .3	*	8 .
79	alc	3.4	4.5	TRACE	• 0	• 0	• q	• a	• 0	. a	. 0	1.1	*TRACE		4 .
30	rật .	6.6	2.1	3.6	. 3	• 0	. 0	. a	.0*	.0	* TRACE	TRACE	*TRACE	*	6.1
81	*	3.0	*TRACE	TRACE	*0*	• 0	• 0*	. 0	• 0*	• 0	• .0	TRACE	* .9	*	3.1
MEAN		2.58	2.26	2.04	• 05	•00	•00	•00	•00	•00		1.35			5.0
5. D.		.852		2.080	.156	.000	.000	.000	.000	.000		2.770			.79
TOTAL OBS		1092	NOTE	1074	1055 ED ON	1110	1080	1115	1110	1067	1105	1066	1093	1	297

USAF ETAC JUL 64 0-88-5 (OL A)

02

0

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(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

46-81

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	MONTHS
46	TRACE	2.5		0	• 0	.0	.0	• 0 *	.0	.0	.0	2.2	
47	2.0	6.8	7.4	.0	• 0	• 0	• 0	• 0	• 0	.0	.0	TRACE	16.
48	8.3	13.0	TRACE	• D	.0	.0	• 0	.0	.0	.0	TRACE	1.0	22.
49	3.4	TRACE	3.5	TRACE	• 0	• 0	.0	• 0	.0	.0	TRACE	3.2	10.
5.0	TRACE	TRACE	.1	TRACE	• 0	• 0	• 0	.0	.0	.0	. 8	3.0	3.
51	5 . 1	7.4	6.9	TRACE	.0	. 0	.0	.0	.0	.0	3.5	2.4	25.
52	• 6	2.5	• 2	TRACE	.0	• 0	.0	.0	.0	TRACE	2.0	3.1	8.4
5.3	5.9	TRACE	1.0	• D	• 0	• 0	.0	• 0	.0	.0	TRACE	3.9	10.
54	2.8	TRACE	• 2	.0	.0	• 0	.0	• 0	• 0	TRACE	1.3	2.5	6.1
55	10.0	1.3	• 5	• 0	.0	• 0	.0	• 0	.0	.0	TRACE	1.0	12.
56	12.5	TRACE	2.2	TRACE	.0	• 0	• 0	.0	.0	.0	1.5	TRACE	16.7
57	2.2	TRACE	3.2	TRACE	.0	• 0	.0	.0	.0	TRACE	1.4	1.4	8 . 7
58	6 - 1	5.5	9.3	• 0	.0	• 0	.0	.0	• 0	.0	5.1	.1	26 . 1
59	5 . 7	TRACE	. 8	• 0	.0	• 0	.0	.0	.0	.0	1.1	. 3	7.9
60	1.1	11.6	19.1	TRACE	.0	. 0	• 0	.0	.0	.0	TRACE	11.1	42.
61	3 . 3	11.3	TRACE	. 9	. 0	• 0	.0	.0	.0	.0	. 6	3.5	19.1
62	4 . 2	3.8	2.4	• 2	• 0	.0	.0	.0	.0	TRACE	TRACE	2.1	12.
63	3.3	3.9	. 1	TRACE	.0	. 0	.0	.0	.0	.0	TRACE	6.1	13.
64	11.1	2.0	2.9	• 0	.0	• 0	• 0	.0	.0	.0	1.0	TRACE	17.1
65	14.0	3.9	4 . 8	• 0	.0	.0	• 0	.0	.0	.0	.0	TRACE	22.
66	6.9	5.4	3.7	TRACE	• 0	. 0	• 0	. 0	.0	• 0	17.5	1.2	34.
67	1.1	10.6	6.5	.0	.0	. 0	.0	.0	• 0	.0	TRACE	1.3	19.
68	* 2.0	.1	9.1	• 0	.0	• 0	• 0	.0	• 0	.0	TRACE	TRACE	. 11.
69	3.0	6.3	. 8	.0*	.0	. 0	.0	.0	.0	.0	. 3	6.4	# 16.
70	6.3	4.3	3.9	TRACE	• 0	. 0	.0	.0	•0	.0	TRACE	. 3	14.
71	1.3	9.3	4.0	TRACE	.0	.0	.0	.0	.0	.0	3.5	TRACE	18.
72	2.8	3.4	1.8	TRACE	.0	.0	• 0	.0	• 0	.0	2.3	. 8	* 11.
73	* .7	4.2	1.5	* 1.0	.0	.0	.0.	.0*	.0		.0	2.1	* 9.
74	# 1.6	2.0	1.2	*TRACE*		• 0	• 0	.0	.0	.0	TRACE	2.7	* 7.
75	* 2.3	1.0	5.9	TRACE	• 0	.0	.0	.0	.0	.0*	TRACE	TRACE	* 9.
MEAN													
5. D.													
TOTAL OBS													

USAF ETAC 0-88-5 (OL A)

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2

0

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724240 FT KNOX/GODMAN AAF KY
STATION NAME

46-81

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH		JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	MON	L THS
76	100	2.1	. 4	.6	.0	.0	.0	.0	.0	.0	.0	2.0	+ 4.2	*	9.
77	101	21.8	1.3	TRACE	. 3	.0	. 0	.0	• 0	.0	• 9	5.5	* 3.0		31.
78	*	24.5	3.9	5.8	TRACE	• 0	.0	.0	.0	.0	.0	.0	* .3		34 .
79		16.5		TRACE	.0	.0	.0	.0	.0	.0	.0	1.5	*TRACE	*	29.
80		12.1		3.6	. 5	.0	. 0	.0	• 0 *	0.000	TRACE		M 01 11 11 11 11 11 11 11 11 11 11 11 11		21 .
81	*	4.2	*TRACE	TRACE	•0*	•0	• 0*	• 0	•0*	• 0	. 0.	TRACE	9		5.
	_														
												TA			
														_	_
					-		-								_
MEAN	name.	4.73	4.19	3.11	.06	.00	.00	.00	.00	.00	TRACE	1.57	2.16	1	6.9
S. D.	3	. 843		3.855	.184	.000	.000	.000	.000	.000			2.570		.19
TOTAL OBS		1092	1007	1074	1055	1110	1080	1115	1110	1067	1105	1066	1090		297

FORM 0-88-5 (OL A) USAF ETAC

DAILY AMOUNT

PERCENTAGE PAQUENCY

724240 STATION

0

2

0

0

0

0

FT KNOX/GODMAN AAF KY

STATION NAME

45-81

YEARS

						AM	OUNTS (IN	NCHES]						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02-05	0610	.1125	.2650	.51-1 00	1 01 - 2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	NO.		(INCHES)	
NOWFALL	NONE	TRACE	01.04	0 5.1 4	1.5-2.4	2534	3 5-4 4	4 5.6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.24	25-36	37.48	49-60	61-120	OVER 120	AMTS				
JAN	69.8	9.3	6.1	4.7	3.6	5.5	1.6	• 5						21.9	1095			
FEB	74.2	8.0	4.2	3.9	2.9	6.1	. 8							17.8	1007			
MAR	96.1	4 - 1	1.6	1.4	.6	1.3	. 9							5.8	1106			
APR	99.4	• 6	• 1											• 1	1085			
MAY	100.0														1141			
JUN	190.0														1110			
JUL	190.0														1146			
AUG	100.0														1141			
SEP	100.0														1097			
oct	100.0														1136			
NOV	95.8	1.7	1.1	. 7	• 5		- 1	• 1						2.5	1096			
DEC	87.2	7.0	3 • 1	. 9	. 8	1.0								5.8	1121			
ANNUAL	93.0	2.6	1.3	1.0	.7	1.2	• 3	.0						4.5	13281		X	X

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

02

0

724247 FT KNOX/GOOMAN AAF KY
STATION NAME

45-81

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			O	0	0	0	3	0	a	0	TRACE	4	
46	1	3	*	O	0	q	a	q*	Q	q		1	
47	2	2	2	0	a	0	0	0	a	0	0	0	
48	5	6	0	0	0	a	O	O	0	0		TRACE	
49	4	2	TRACE	0	۵	a	G	0	0	0	0	0	
50	.0	0	0	0	0	a	0	a	0	a	3	2	
51	2	9	4	0	0	٥	0	d	a	a	2	2	
52	1	1	0	D	2	0	0	D	0	0	2	1	
53	2	0	TRACE	a	0	D	0	O	a	0	0	4	
54	3	0	TRACE	a	0	d	0	a	a	0	1	3	
55	3	1	TRACE	a	0	d	0	0	0	a	TRACE	1	
56	5	TRACE	TRACE	a	a	a	a	Q	a	a	1	TRACE	
57	1	0	1	O.	a	q	a	a	a	0	TRACE	1	
58	3	2	5	a	a	d	a	d	a	0		1	
59	1	0	TRACE	a	0	a	a	a	0	0	TRACE	TRACE	
60	TRACE	4	10	a	a	d	a	a	d	0	TRACE		
61	4	9	0	1	a	a	O	a	d	0	0	2	
62	1	2	1	a	a	d	a	d	d	a		1	
63	4	1	TRACE	a	a	a	a	0	а	a	C	4	
64	6	2	a	a	0	0	o	d	a	d	1	0	
65	5	4	2	d	a	a	0	0	0	0	C	0	
66	5	5	4	0	0	d	a	d	0	D	15		
67	0	6	6	0	a	a	a	a	0	0	C	0	
68	10	0	9	0	0	d	0	a	a	0		0	
69	2	4	2	0+	0	D	o	a	0	0	C	4	
70	4	4	3	a	0	0	a	d	O	d		TRACE	
71	TRACE	5	2	a	0	0	0	o	a	0	1	0	
72	TRACE		1	a	0	d	a	0	d	0	. 1	+TRACE	*
73	*TRACE		1 *	TRACE	0	d	0+	0+	0+			+ 1	*
74			*TRACE*		a	d	0	d	D	d	_	* 1	
MEAN					1								
S. D.													
TOTAL OBS													

FORM JUL 64 0-88-5 (OL A) USAF ETAC

GLOBAL CLIMATOLOGY BRANCH USAFETAC 2 EXTREME VALUES AIR WEATHER SERVICE/MAC

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

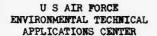
724240 FT KNOX/GODMAN AAF KY

45-81

DAILY SNOW DEPTH IN INCHES

MONTH		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL
75	*	1	1	4	TRACE	ď	Ü	0	a	а	g	* 0	*TRACE	
76	漱	1	TRACE		a	0	d	d	a	a	q	2	* 4	
77	*	9	3	0	a	0	a	a	d	0	0	3	* 3	*
78	**	17		6	q	0	q	q	q	a	g	q	• 0	
79	*	5	7	TRACE	a	a	a	a	a	0	a	TRACE	* 0	
80	*	7	6	4	0	q	0	q	0*			* 0	* 0	
81	*	3	*TRACE	TRACE	O.	a	0+	а	0*	0	* 0	* a	*TRACE	*
													4	
	_													
MEAN		2.7		1.9	• 0	• 0	• 0	• 0	• 0	, q	• 0	1.1	1,3	5
S. D.	2	. 363		2.672	.171	.000	.000	.000	.000	.000	.000	2.735	1.617	3.3
TOTAL OBS		1095	1007	1106	1085	1141	1110	1146	1141	1097	1136	1096	1121	132

FORM 0-88-5 (OL A) USAF ETAC



PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year hese valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

72424 FT KNOX/GODMAN AAF KY
STATION NAME

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	i. JU	IL. AU	IG.	SEP.	OCT.	NOV	DE	c.	MONTH	15
46	WSW#50			NNW#435	-	197	37NNW	42WNW	50WS	W 28W	38	NW	365W	38		
47	SSW 43	-	-	55W 39W		-	29NNW	535SE	44W	33W	44	SSE	38WNW	30	WSW	5
48	WSW 43	Tarin 1977	SW 61	NNE 385	W 42	W	40W	30N	345W	28W S	W 29	W	475	35	SW	6
49	W 52	-	W 42	W 445	W 39	W	365W	32NW	58W	*33W	*33	NW +	355W	*37	NW	5
50	SW *39	SW #37	SW #44	S *41W	36	WSW	4 3 S W	375W	395W	*43N	33	WSW #	42W	35	SW	+41
51	WSW 38	WNW 36	SSW 45	W #38W	NW 69	5	355W	43NW	615	*30W	W 31	S	435W	46	WNW	6
52	SW 42		WSW # 44	WNW*27N	E #32							SSE	46WSW	60		
5.3	NNW 37	W 42	N 43	WSW 54W	NW 49	NNE	415W	49NW	3255	4 34WS	W 31	W	33 W S W	43	WSW	5
54	SW 35	WNW#52	WSW 38	SW 61W	SW 52	WSW	45NW 1	≠27N	37NN	W 3655	W 25	W	35WSW	41	SW	6
55	WSW 35	SSW 33	WSW 52	SW 41W	43	WSW	35ENE	38WSW	29WN	4 35WS	W 32	W	37W	26	WSW	5
56	WSW 30	W 58	WSW 46	WSW 39W	30	ENE	30WSW	42NNW	33WS	4 40W	W 31	5	435	29	W	5
57	WSW 43	SSW 36	W 40	WNW 56W	42	ENE	48WSW	495	3355	¥ 2755	E 29	WSW I	41SW	38	WNW	5
58	SW 34	SW 30	ENE 28	W 49W	SW 32	SSW	32WSW	385W	48W	33W N	W 34	WSW	3255W	30	W	4
59	SSE 47	SW 40	ISW 46	WNW 49W	NW 35	WSW	305W	305W	30NN	N 26W	39	SSW	HANNE	32	WNW	4
60	WNW 36	WSW 45	WNW 36	W 42N	W 52	NNW	51W	35ESE	4 3 W	22W 5	W 32	WSW	42NNW	32	NW	5
61	NW 31	W 43	SW 40	NNW 47N	NW 43	WSW	35WSW	BOESE	2855	N JON			SOUNH	36	NNW	4
62	W 39	WSW 40	WSW 50	WNW 56W	38	WSW	34NW	3555W	215	23N	-	_	33W	29	WNW	5
63	Sw 28	NW 33	SSW 38	WNW 46W	SW 32	NNW	3 7NNW	34W	26W	24N	31	100	36W	36	WNW	40
64	WSW 46	WNW# 31	WSW 42	WNW 33W	-	-	32NNE	32NW	25W	255			335	29	WSW	41
65	WSW 42	W 38	SW 37	SW 355	SW 32	N	4 2 W	325W	33WS	4 34WS	W 40		435W	42	W	4
66	S 27	S 38	WSW 35	W 385	W 28	*	26E	4DESE	295W	285	37	-	2955W	32	E	41
67	5 43	W 50	ISW 32	SW 36W	77.1		29WNW	33W	2185			Property 10	2955W	36		51
68	NW 26		ISW 32		SW 31	-		36ENE		#21E	*23	100000	26NNW	-	SW	4
69	NNW#45	NE #26	NNW + 26		NE +16	Mart 1977 / 1	Allega Charles and Carlotte Control		The state of the s	*25N		E10-70	SESE		NNW	
70	NE #33	ESE#32	N +19	NNW#24E		_	-	22NNE	The second second	*19NE			56NNW	-		*5
71	NNW#27	NNW#29	NNE #17	N	E #24		2 1ENE			#14NE		10.00	SNE			-
72	ESE#19	NE #26	NE #25			the later where the	-	29NNW		The second second			SZNNE	-	NE	33
73		ESE#22		Control of the Contro	NW+31	War and the				*16NE	The State of the S	NNW*		*18	NNW	5
74			,	NNE + 16N				-	*18E	*17NE		-	SESE	-		-
75			The second secon	NNW#25N				ZZNNW		#35E N		10 m. 23	TNE	AND DESCRIPTION OF THE PARTY OF	NE .	*4
MEAN	-	-											-			-
5. D.																
TOTAL OBS																-

NOTES * (BASED ON LESS THAN FULL MONTHS)

0-88-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS) USAF ETAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

724240 FT KNOX/GODMAN AAF KY
STATION STATION NAME

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46-81

VEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
76	NNW#32												NE #42
77												NE #27	NNH+39
78				_				NE +15					ENE+4
79												NE #27	NE #3:
80	NNW*27												NNH+3
81	ENE#18	ENE#23	NNW#35	¥ 3 U	ENE#3U	NE #28	NNW=22	NNE#1/	ENE*17	N NW # 20	* 6	ENE*15	NNH+3
MEAN	38.0											36.0	51.
\$. D.								10.847					5.78
TOTAL OBS	894		# (BA	837	967	933			842	922	821	899	1071

USAF ETAC FORM 0-88-5 (OLA) S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

2

(

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 F	T KNOX/GODMAN AAF KY	65-70.76-79	JAN
STATION	STATION NAME	YEARS	монти
		ALL WEATHER	3000-0200
		CLASS	HOURS (L.R.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.7	2.0	.7	.1								4.5	4.8
NNE	1.2	1.8	1.0	.7	. 1							4.8	6.3
NE	.9	1.2	1.3	.2								3.7	6.2
ENE	. 4	1.8	1.0	.2								3.5	5.9
E	1.3	2.5	. 4	• 1								4.4	4.3
ESE	1.7	• 7	•1	. 3								2.8	4.4
SE	• 2	• 6	• 1									. 9	4.6
SSE	.9	• 1	•1	.2								1.3	4.8
5	1.5	2.1	1.7	1.2	. 3							6.8	7.8
SSW	.6	2.8	3.4	2.9	. 3	. 1						10.1	8.8
sw	1.5	2.1	1.9	1.0	• 1							6.6	7.0
WSW	. 7	1.8	1.8	. 8								5.1	7.0
w	2.8	4.8	3.3	1.2	.2	.1						12.5	6.6
WNW	1.9	1.7	2.0	1.0		. 3						7.0	7.2
NW	.9	1.8	1.1	.1								3.9	5.2
NNW	1.2	1.1	. 9	.1								3.4	4.9
VARBL													
CALM		><	><	><	><	><					><	18.7	
	19.4	29.0	20.9	10.3	1.1	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

891

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240	FT KNOX/GODMAN AAF KY	65-70,76-79	JAN
STATION	STATION O. ME	TEARS	MOSTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 8	2.0	1.0	• 2								4.0	5 . 6
NNE	• 7	1.9	1.3	.7								4.6	6.7
NE	1.0	1.7	1.1									3.8	5.2
ENE	.8	1.5	1.0									3.3	5.8
E	1.3	2.5	.7	• 1								4.6	4.6
ESE	1.3	1.0	• 2	• 1								2.7	3.8
SE	. 4	.7								1		1.1	3.5
SSE	.6	. 8		.7								2.0	6.6
5	1.5	1.8	.7	1.3	. 2	•2						5.7	7.8
SSW	1.5	2.8	3.8	2.7	• 1	• 1						11.0	8.3
SW	1.8	2.5	2.1	1.0	• 1							7.5	6.6
wsw	.8	1.8	1.2	• 3	. 3							4.5	6.9
w	2.6	3.8	3.8	1.9	. 7		• 1					12.9	7.5
WNW	1.6	2.1	2.8	. 9	•1							7.5	6.9
NW	.8	1.9	.3	.2								3.3	5,2
NNW	.8	1.0	• 2									2.0	4.3
VARBL													
CALM	><	\times	\times	><	><	\times	\times	><	\times	><	><	19.4	
	18.2	29.7	20.4	10.2	1.6	• 3	.1					100.0	_ 5.3

TOTAL NUMBER OF OBSERVATIONS

891

USAFETAC 1084 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724243	FT KNOX/GODMAN AAF KY	65-70,76-79	JAN
MOITATE	STATION HAME	YEARS	итион
		ALL WEATHER	0600-0800
		CLASS	HOUGE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.7	1.2	.6	• 1								2.5	5.4
NNE	• 7	1.8	1.1	. 4	• 1							4.1	6.8
NE	1.0	1.9	1.0									3.9	5 - 1
ENE	.7	2.2	. 8	. 4								4.1	5.9
E	1.7	2.0	1.3	. 3								5.3	5.3
ESE	1.0	1.9	• 7	• 1								3.6	4.9
SE	1.0	1.1		• 1								2.2	4.1
SSE	• 8	. 3	. 2	• 3								1.7	5.7
S	.9	2.6	2.1	1.3	• 1	.1						7.2	7.6
ssw	1.1	2.6	2.6	1.8	. 6							8.7	8.1
sw	1.4	2.5	2.8	1.1								7.8	6.8
wsw	• 6	1.9	1.3	1.2	. 4							5.4	8.
w	2.1	4.6	5.5	2.4	. 2	.3						15.2	8.5
WNW	2.4	2.8	3.0	.7								8.8	5.
NW	.8	. 4	.6	• 3								2.1	5.
NNW	.8	2.2	. 4	•1								3.5	5.
VARBL													
CALM	><	\times	><	><	><	><	\times	X			> <	13.9	
	17.4	32.1	23.9	10.8	1.4	. 4						100.0	5.

TOTAL NUMBER OF OBSERVATIONS

91

USAFETAC DORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Q.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KNOX/GODMAN AAF KY	65-70,76-79	JAN
STATION NAME	YEARS	MOOTH
	ALL WEATHER	0900-1100
	CLASS	HOURS (L.B.T.)
		_
	CONDITION	
		ATATION HAME YEARS ALL WEATHER

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	8	MEAN WIND SPEED
N	.7	1.7	1.9	•2								4.5	6.
NNE	-4	. 4	1.1	• 3	-1	. 1						2.5	8.2
NE	• 3	1.7	1.6									3.7	6.1
ENE	-4	1.7	1.7	.4								4.4	6.5
E	1.3	2.8	2.2	• 3								6.7	5.6
ESE	1.2	1.6	.9									3.7	4.6
SE	.8	. 4	• 1									1.3	3.8
SSE	.8	1.3	. 7	.8	. 1							3.6	7.0
5	• 3	2.0	3.7	2.4	.2							8.6	9.2
ssw	.9	1.9	4.0	2.7	.4	•1						10.1	9.1
sw	.7	2.2	3.1	1.4	.1	•1						7.5	8.1
wsw	• 5	1.1	2.7	1.7	.1	• 3						6.6	9.8
w	1.0	4.0	6.7	3.7	1.2							16.6	9.3
WNW	. 9	3.1	3.2	2.0								9.1	7.7
NW	. 7	1.1	. 9	. 3								3.0	6.4
NNW	. 4	1.4	1.1									3.0	5.
VARBL													
CALM		><	><	><	><	><	><			\sim		5 • 2	
	11.3	28.6	35.5	16.4	2.3	.7						100.0	_7.

TOTAL NUMBER OF OBSERVATIONS 91

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724240 FT KNOX/GUDMAN AAF KY 65-70,76-79

STATION STATION NAME

ALL WEATHER

COMBITTION

COMBITTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	~	MEAN WIND SPEED
N	• 5	1.5	1.9	• 5	.1							4.6	7.4
NNE	. 7	1.0	1.6	. 4								3.7	6.7
NE	• 5	• 7	. 8									2.0	5.8
ENE	1.0	1.3	.7	.1								3.1	5 • 1
E	• 9	2.2	. 8	• 1								3.9	5.1
ESE	1.6	1.1	. 8									3.5	4.5
SE	. 5	• 3	. 1									1.0	3.6
SSE	1.1	1.1	1.1	- 1	. 2	-1						3.7	6.7
S	1.1	1.3	4.5	2.3	. 7							9.8	9.1
ssw	1.0	1.9	4.6	3.1	.5	.1	.1					11.3	9.5
sw	• 3	1.1	2.2	2.7	•1							6.4	9.5
wsw	• 2	1.4	2.8	2.4	. 8	• 3						8.0	11.1
W	. 9	2.4	8.2	7.1	. 9	.1						19.6	10.2
WNW	• 7	1.6	4.2	1.9								8.3	8 . 9
NW		1.4	1.5									3.0	7.3
WHM	. 3	1.7	1.6	. 1								3.8	6.6
VARBL													
CALM			><	><		><		\geq	><		><	4.4	
	21.4	22.1	37.3	20.9	3.3	. 7	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

91

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE